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THE NORTH CAROLINA
COLLEGE OF AGRICULTURE AND MECHANIC ARTS
AGRICULTURAL EXPERIMENT STATION
W. A. WITHERS, A.M., ACTING DIRECTOR

IMP. CO
1 E MAY 1914
EX

The Flora of North Carolina

FROM

Ranunculaceae to Salviniaceae

C. W. HYAMS

RALEIGH, N. C.
512

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THE NORTH CAROLINA COLLEGE OF AGRICULTURE AND MECHANIC ARTS

AGRICULTURAL EXPERIMENT STATION

RALEIGH, N. C.

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The Station is glad to receive any inquiries on agricultural subjects. *Address all communications to the Agricultural Experiment Station, and not to individuals.* They will be referred to the members of the Station staff most competent to answer them.

Samples for analysis should be sent to the State Chemist.

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* Member of Station Council.
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LETTER OF TRANSMITTAL.

THE N. C. COLLEGE OF AGRICULTURE AND MECHANIC ARTS.
THE NORTH CAROLINA AGRICULTURAL EXPERIMENT STATION,
RALEIGH, N. C., May 18, 1899.

Prof. W. A. WITHERS, *Acting Director.*

I herewith submit a revision of the Flora of North Carolina, prepared by my assistant, Mr. Hyams. The rich Flora of the State has never been fully catalogued. That of Dr. Curtis being up to the present the only attempt in this line. I believe that the present list will be valued by botanists as an addition to our knowledge of the habits of these plants.

Yours truly,

W. F. MASSEY,
Horticulturist, Botanist and Entomologist.

PREFACE.

In the year 1867, Rev. M. A. Curtis published "A Catalogue of the Indigenous and Naturalized Plants of the State," embracing 1,920 species, exclusive of the lower orders. Since this time a very large number of species have been added to the list, as will be shown further on. Such additions have been published, at long intervals, by various parties, and botanists have long desired a complete Flora of the State, and it is the aim of the present work to supply this want.

The number of species here recognized is 2,685, comprising 154 families. This brings up to June, 1899, it is believed, all well established species within our area. In the admission of new species I have pursued a conservative course, and have only admitted those that appear to bear the requisite tests of constancy and persistency in their distinguishing characters. As far as possible the popular, local names have been given, and I have followed the revised nomenclature of Britton and Brown, only in such cases as seemed well founded in botanical priority. It gives me pleasure to submit this work to your consideration, believing it will aid scientists in determining the localities and range of our vegetation to a large extent, and as being, perhaps, the largest local list of plants ever published in the South. I have divided the State into botanical districts, and have indicated the same by the following abbreviations E, C, and W, meaning respectively Eastern, Central and Western. Where a species is found in all the districts the letter A is used. A line running north through Gaston, Alexander and Alleghany counties would divide the Central and Western districts, while one running north through Bladen, Wake and Granville counties would divide the Eastern and Central districts. I have critically examined all the various publications bearing on the subject, and desire to make due acknowledgements to the authors of the same.

Respectfully,

C. W. HYAMS.

THE FLORA OF NORTH CAROLINA.

FROM

RANUNCULACEAE TO SALVINIACEAE,

BY C. W. HYAMS, ASSISTANT BOTANIST.

Flowering Plants.

Class I—Exogeneous Plants.

Order 1.

RANUNCULACEAE. (CROWFOOT FAMILY.)

ATRAGENE Americana, Sims. Purple Virgin's Bower. W.
CLEMATIS ochroleuca, Ait. Dwarf Clematis. C. and W.
ovata, Pursh. Mountain Clematis. W.
Viorna, L. Leather Flower. C. and W.
crispa, L. Blue Jessamine. E.
Virginiana, L. Virgin's Bower. C. and W.
Addisonii, Britton. Brown's Clematis. C.
reticulata, Walt. Smooth Clematis. E.
Catesbyana, Pursh. Hairy Clematis. E.
ANEMONE quinquefolia, L. Wind Flower. W.
Caroliniana, Walt. Carolina Anemone. W.
Virginiana, L. Virginia Anemone. C. and W.
trifolia, L. Mountain Anemone W.
HEPATICA triloba, Chaix. Liverwort. C. and W.
acutiloba, D. C. Acute-lobed Liverwort. C. and W.
THALICTRUM dioicum, L. Early Meadow Rue. W.
Cornuti, L. Tall Meadow Rue. A.
clavatum, D. C. Slender Meadow Rue. W.
macrostylum, Shuttlaw. Meadow Rue. W.
nudicaule, Schwein. Meadow Rue. C.
anemonoides, Michx. E. and C.
coriaceum (Britton) Small. Thick Meadow Rue W.
purpurascens, L. Purple Meadow Rue. W.
ADONIS annua, L. Pheasant's Eye. A.
TRAUTVETTERIA palmata, F. & M. False Bugbane. W.
RANUNCULUS aquatilis, L. White Crowfoot. C.
parviflorus, L. Small-flowered Crowfoot. E. and C.
alismaefolius, Geyer. Spear-leaved Crowfoot. C.
pusillus, Poir. Dwarf Crowfoot. E. and C.
muricatus, L. Spiny-fruited Crowfoot. E. and C.

RANUNCULUS abortivus, L. Smooth Crowfoot. E. and C.
micranthus, Nutt. Rock Crowfoot. E. and C.
recurvatus, Poir. Rough Crowfoot. E. and C.
sceleratus, L. Biting Crowfoot. E.
Pennsylvanicus, L. Bristly Crowfoot. C.
Purshii, Rich. Pursh's Crowfoot. C.
septentrionalis, Poir. Marsh Crowfoot. E. and C.
repens, L. Creeping Crowfoot. A.
repens, L. nitidus. Crowfoot. E.
fascicularis, Mushl. Tufted Crowfoot. C.
hispidus, Michx. Hispid Crowfoot. A.
acris, L. Meadow Crowfoot. C.
palmatus, Ell. Pallmate Crowfoot. E.
Alleghaniensis, Britton. Mountain Crowfoot. W.
bulbosus, L. Bulbous Crowfoot. A.
parvulus, L. Hairy Crowfoot. E
delphinifolius, Torr. Yellow Water Crowfoot. E.
oblongifolius, Ell. Oblong-leaved Crowfoot. E.
BATRACHIUM trichophyllum (Chaix), Boss. Water Crowfoot. E.
AQUILEGIA Canadensis, L. Columbine Crowfoot. A.
vulgaris, L. Purple Crowfoot. C.
coccinea, Small. Crowfoot. C.
DELPHINIUM azureum, Michx. Blue Lockspur. W.
tricorne, Michx. Dwarf Lockspur. W.
exaltatum, Ait. Tall Lockspur. W.
Consolida, L. Garden Lockspur. A.
HELLEBORUS viridis, L. Green Hellebore. W.
ACONITUM uncinatum, L. Wild Monkshood. W.
reclinatum, A. Gray. Trailing Monkshood. W.
ZANTHORHIZA apiifolia, L'Her. Yellow Root. A.
HYDRASTIS Canadensis, L. Golden Seal. W.
CALTHA palustris, L. Marsh Marigold. C. and W.
ISOPYRUM biternatum, T. & G False Rue Anemone. C.
ACTAEA alba (L.), Mill. White Baneberry. W.
rubra (Ait.) Wild. Red Baneberry. W.
CIMICIFUGA racemosa, Ell. Rattle Top. C. and W.
cordifolia, Pursh. Cordate Rattle Top. W.
Americana, Michx. Mountain Rattle Top. W.
MYOSURUS minimus, L. Mouse tail. E.

Order 2.

MAGNOLIACEAE. MAGNOLIA FAMILY.

MAGNOLIA grandiflora, L. Magnolia. E.
glauca, L. Sweet Bay. E.
Umbrella, Lam. Umbrella Tree. A.
acuminata, L. Cucumber Tree. W.
cordata, Michx. Heart-leaved Magnolia. W.

MAGNOLIA Fraseri, Walt. Long-leaved Magnolia. W.
macrophylla, Michx. Large-leaved Magnolia. W.
LIRIODENDRON Tuliplifera, L. Poplar. A.

Order 3.

ANONACEAE. PAPAW FAMILY.

ASIMINA triloba, Dunal. Papaw. C. and W.
parviflora, Dunal. Small Papaw. A.

Order 4.

MENISPERMACEAE. MOONSEED FAMILY.

MENISPERMUM Canadense, L. Moonseed. A.
COCCULUS Carolinus, D. C. Red Moonseed. E. and C.
CALYCOCARPUM Lyoni, Nutt. Cup-seed. C.

Order 5.

BERBERIDACEAE. BARBERRY FAMILY.

BERBERIS Canadensis, Pursh. Barberry. W.
vulgaris, L. European Barberry. C. and W.
CAULOPHYLLUM thalictroides, Michx. Blue Cohosh. W.
DIPHYLLEIA cymosa, Michx. Umbrella Leaf. W.
PODOPHYLLUM peltatum, L. May Apple. A.
JEFFERSONIA diphylla, (L.) Pers. Twin-leaf. W.

Order 6.

NYMPHAEACEAE. WATER LILY FAMILY.

CABOMBA Caroliniana, Gray. Water-shield. E.
BRASENA peltata, Pursh. Water-target. E.
NELUMBIUM luteum, Willd. Water Chinquepin. E.
NYMPHAEA advena, Soland. Yellow Pond Lily. A.
advena, minor, Morong. Small Pond Lily. C.
sagittaefolia, Walt. Arrow-leaved Pond Lilly. E.
odorata, Ait. White Pond Lilly. E. and C.

Order 7.

SARRACENIACEAE. PITCHER PLANT FAMILY.

SARRACENIA purpurea, L. Purple Pitcher Plant. E. and C.
flava, L. Trumpet-leaf. E. and C.
rubra Walt. Red-flowered Trumpet-leaf. S. W.
variolaris, Michx. Spotted Trumpet-leaf. S. E.

Order 8.

DROSERACEAE. SUNDEW FAMILY.

DROSERA filiformis, Raf. Three-leaved Sundew. E.

DROSERA longifolia, L. Long-leaved Sundew.
rotundifolia, L. Round-leaved Sundew. E. and C.
brevifolia, Pursh. Short-leaved Sundew. E and C.
DIONAEA muscipula, Ell. Fly Trap. E.

Order 9.

PAPAVERACEAE. POPPY FAMILY.

ARGEMONE Mexicana, L. Mexican Poppy. E.
SANGUINARIA Canadensis, L. Blood Root. A.
CHELIDONIUM majus, L. Celandine. C.
PAPAVER somniferum, L. Opium Poppy. C. and W.
Rhoeas, L. Corn Poppy. C.
dubium, L. Smooth-fruited Poppy. A.
Argemone, L. Rough-fruited Poppy. E
GLAUCIUM luteum, Scop. Sea Poppy. E.

Order 10.

FUMARIACEAE. FUMITORY FAMILY.

ADLUMIA cirrhosa, Raf Climbing Fumitory. W.
DICENTRA Cucullaria, Torr. Dutchman's Breeches. W.
eximia, Walp. Wild Bleeding heart. W.
Canadensis, Torr. Squirrel Corn. W.
CORYDALIS glauca, Pursh. Pink Corydalis. W.
flavula, Raf Pale Corydalis. W.
aurea, Willd. Golden Corydalis E.
micranthum (Englm), Britton. Small-flowered Corydalis. E.
FUMARIA officinalis, L. Fumitory. E.
parviflora, Lam. Small Fumitory. E.

Order 11.

CRUCIFERAE. MUSTARD FAMILY.

NASTURTIUM tanacetifolium, H. & A. Tansy Cress. E.
palustre, D. C. Marsh Cress. E.
lacustre, Gray. Lake Cress. C.
officinale, R. Br. Water Cress. A.
sylvestre, R. Br. Creeping Yellow Cress. E.
hispidum, D. C. Hispid Yellow Cress. E.
Armoracia, Fries. Horseradish. C.
CARDAMINE rhomboidea, D. C. Spring Cress. E.
rotundifolia, D. C. Round-leaved Cress. W.
spathulata, Michx. Spatulate-leaved Cress. W.
hirsuta, L. Bitter Cress. C.
Ludoviciana, Hook. Virginia Bitter Cress. C.
Clematitis, Shuttlw. Mountain Bitter Cress. W.
Pennsylvanica, Muhl. Pennsylvania Bitter Cress. W.

CARDAMINE arenicola, Britton. Sand Bitter Cress. E.
parviflora, L. Small flowered Bitter Cress. W.
flexuosa, With. Wood Bitter Cress. W.
DENTARIA diphylla, Michx. Pepper Root. W.
laciniata, Muhl. Cut leaved Pepper Root. C. and W.
heterophylla, Nutt. Slender Pepper Root. W.
multifida, Muhl. Ternate leaved Pepper Root. C.
ARABIS lyrata, L. Rock Cress. C.
Canadensis, L. Sickle Pod. C. and W.
laevigata, D. C. Smooth Rock Cress. C. and W.
Thaliana, L. Thale Cress. C.
hirsuta, Scop. Hairy Rock Cress. W.
Burkii, Porter. Burke's Rock Cress. W.
BARBAREA vulgaris, R. Br. Yellow Rocket. E. and C.
praecox, R. Br. Scurry Grass. C.
stricta, Andrz. Winter Cress. C.
SISYMBRIUM Thaliana, Gaud. Mouse-ear Cress. E. and C.
canescens, Nutt. Tansy Mustard E. and C.
officinale, Scop. Hedge Mustard. E. and C.
Allaria, Scop. Garlic Mustard. E. and C.
DRABA Caroliniana, Walt. Caroline Whitlaw Grass. E. and C.
ramosissima, Desv. Branching Whitlaw Grass. W.
verna, L. Vernal Whitlaw Grass. E and C.
brachycarpa, Nutt. Short-fruited Whitlaw Grass E. and C.
CAMELINA sativa, Crantz. False Flax. E.
SENEBIERA Coronopus, Poir. Wart Cress. E.
didyma. Lesser Wart Cress. A.
LEPIDIUM Virginicum, L. Wild Peppergrass. A.
campestre, R. Br. Field Peppergrass. C.
Ruderale, L. Roadside Peppergrass. E.
CAPSELLA Bursa-pastoris, Moench. Shepherd's Purse. A.
CAKILE maritima, Scop. Sea Kale. E.
ALYSSUM maritinum, L. Sweet Alyssum. C.
SINAPIS nigra, L. Black Mustard. A.
alba, L. White Mustard. A.
arvensis, L. Charlock. A.
juncea, L. Indian Mustard. C.
BRASSICA campestris, L. Turnip. A.
Napus, L. Rape. C.
RAPHANUS sativus. L. Radish. A.
HESPERIS matronalis, L. Dame's Rocket. C.

Order 12.

CAPPARIDACEAE. CAPER FAMILY.

GYNANDROPSIS pentaphylla, D. C. E
POLANISIA graveolens, Raf. Clammy-weed. W.
CLEOME spinosa, L. Spider-flower. C. and W.

Order 13.

VIOLACEAE. VIOLET FAMILY.

VIOLA palmata, L. Early Blue Violet. A.
cucullata, Ait. Hooded Blue Violet. A.
villosa, Walt. Wood Blue Violet. E. and C.
sororia, Willd. Woolly Blue Violet. C.
sagittata, Ait. Arrow-leaved Violet. C.
ovata, Nutt. Ovate Arrow-leaved Violet. C.
pedata, L. Bird's-foot Violet. A.
rotundifolia, Michx. Round-leaved Violet. W.
blanda, Willd. Sweet White Violet. E. and C.
blanda amoena, LeConte. LeConte's Violet C.
primulaefolia, L. Primrose-leaved Violet. E. and C.
lanceolata, L. Lance-leaved Violet. E. and C.
hastata, Michx. Halberd-leaved Violet. W.
pubescens, Ait. Hairy Yellow Violet. C. and W.
scabriuscula (T. & G.), Schwein. Smooth Yellow Violet. W.
Canadensis, L. Canada Violet W.
striata, Ait. Striped or Pale Violet C.
Labradorica, Schrank. American Dog Violet. C. and W.
rostrata, Pursh. Long-spurred Violet. W.
tricolor, L. Pansy. A.
tenella, Muhl. Field Pansy. C. and W.
glaberrima, Ging. Gingin's Violet C.
tripartita, Ell. Elliott's Violet. C.
canina, L. Pale Dog Violet. C.
canina multicaulis, T. & G. Dog Violet. C.
SOLEA concolor, Ging. Green Violet. A.

Order 14.

CISTACEAE. ROCK ROSE FAMILY.

HELIANTHEMUM majus, B. S. P. Hoary Frostweed. A.
Canadense, Michx. Long-branched Frostweed. E. and C.
corymbosum, Michx. Pine-barren Frostweed. E. and C.
Carolinium, Michx. Carolina Frostweed. E. and C.
HUDSONIA montana, Nutt. Mountain Heather. W.
ericoides. L. Bushy Heather. E.
tomentosa, Nutt. Beach Heather. E.
LECHEA minor, L. Thyme-leaved Pin-weed. E. and C.
racemulosa, Michx. Oblong-fruited Pin-weed. W.
major, Michx. Hairy Pin-weed. E. and C.
thymifolia, Pursh. Beach Pinweed. E.
tenuifolia, Michx. Narrow-leaved Pin-weed. E. and C.
Leggettii, Britt and Hall. Leggett's Pin-weed. E.

Order 15.

PORTULACACEAE. PARSLANE FAMILY.

PORTULACA oleracea, L. Parslane. A.
grandiflora, Hook. Garden Parslane. C. and W.
pilosa, L. Hairy Parslane. E.
TALINUM teretifolium, Pursh. Fame Flower. C. and W.
CLAYTONIA Virginica, L. Spring Beauty. E. and C.
Caroliniana, Michx. Carolina Spring Beauty. W.
SESUVIUM pentandrum, Ell. See Parslane. E.
portulacastrum, L. See Parslane. E.

Order 16.

CARYOPHYLLACEAE. PINK FAMILY.

PARONYCHIA dichotoma, Nutt. Forking Whitlow-wort. W.
argyrocoma, Nutt. Silver Whitlow-wort. W.
herniariodes, Nutt. Hairy Whitlow-wort. E.
ANYCHIA dichotoma, Michx. Forked Chickweed. A.
capillacea, D. C. Slender Forked Chickweed. W.
AGROSTEMMA Githago, L. Corn Cockle. A.
STIPULICIDA setacea, Michx. E.
SILENE stellata, Ait. Starry Campion. C. and W.
ovata, Pursh. Ovate Starry Campion. C. and W.
Virginica, L. Fire Pink. A.
rotundifolia, Nutt. Round-leaved Catchfly. C.
Caroliniana, Walt. Carolina Pink. E and C.
antirrhina, L. Sleepy Pink. A.
Armeria, L. Sweet William Pink. E. and C.
noctiflora, L. Night-blooming Catchfly. A.
LYCHNIS alba, Mill. White Campion. C.
SAPONARIA officinalis, L. Soapwort. A.
Vaccaria, L. Cow-herb. C.
DIANTHUS Armeria, L. Deptford Pink. C.
barbatus, L. Bunch Pink. C.
ALSINE media, L. Common Chickweed. A.
squarrosa, Feuzl. Barren Sandwort. E.
glabra, Gray. Glabrous Sandwort. W.
Groenlandica, Spreng. Mountain Sandwort. W.
Michauxii, Fenzl. Narrow-leaved Sandwort, C. and W.
ARENNARIA diffusa, Ell. Hairy Sandwort. E.
serphyllifolia, L Thyme-leaved Sandwort. E. and C.
rubra, L. Sand Spurry. E.
SPERGULA arvensis, L. Pine Cheat. C. and W.
MOLLUGO verticillata, L. Indian Chickweed. C. and W.
SAGINA procumbens, L. Procumbent Pearlwort. C. and W.
decumbens, T. & G. Decumbent Pearlwort. C. and W.
Elliottii, Fenzl. Elliott's Pearlwort. E. and C.

STELLARIA pubera, Michx. Star Chickweed. C. and W.
uniflora, Walt. Marsh Chickweed. E.
CERASTIUM viscosum, L. Mouse-ear Chickweed. A.
semidecandrum, L. Small Mouse ear Chickweed. C.
vulgatum, L. Large Mouse-ear Chickweed. A.
nutans, Raf. Nodding Chickweed. A.
arvense, L. Field Chickweed. A.
TISSA marina (L.), Britton. Salt-marsh Spurry. E
SCLERANTHUS annuus, L. German Knotgrass. E.

Order 17.

MALVACEAE. MALLOW FAMILY.

MALVA rotundifolia, L. Dwarf Mallow. A.
sylvestris, L. High Mallow. C. and W.
moschata, L Musk Mallow. C. and W.
CALLIRRHOE triangulata, (Leav.) Gray. Poppy Mallow. W.
NAPAEA dioica, L. Glade Mallow. C.
SIDA spinosa, L. Prickly Sida. A.
rhombifolia, L. Sida. W
Elliotti, T. & G. Elliott's Sida. C. and W.
ABUTILON Avicennae, Gaert. Indian Mallow. C. and W.
MODIOLA multifida, Moench. Bristly-fruited Mallow E.
KOSTELETZKYA Virginica, Presl. E.
HIBISCUS Moscheutos, L. Swamp Mallow. A.
militaris, Cav. Halberd-leaved Mallow. E,
aculeatus, Walt. E.
Trionum, L. Venice Mallow. A.

Order 18.

TILIACEAE. LINDEN FAMILY.

TILIA Americana, L. American Linden. W.
pubescens, Ait. Hairy Linden. W.
heterophylla, Vent. Mountain Linden. W.

Order 19.

HYPERICACEAE. ST. JOHN'S WORT FAMILY.

ASCYRUM stans, Michx. St. Peter's wort. A.
hypericoides, L. St. Andrew's wort. A.
HYPERICUM Kalmianum, L Kalm's St. John's-wort. W.
prolificum, L. Shrubby Kalm's St. John's-wort. W.
densiflorum, Pursh. Bushy Kalm's St. John's-wort. W.
galioides, Lam. Bed straw St. John's-wort. W.
adpressum, Bart. Creeping St. John's-wort. C. and W.
virgatum, Lam. Virgate St. John's-wort. C. and W.
perforatum, L. Common St. John's-wort. A.

HUPERICUM maculatum, Walt. Spotted St. John's-wort. C. and W.
graveolens, Buckley. Mountain St. John's-wort. W.
multilum, L. Dwarf St. John's-wort. C. and W.
gymnanthum, Engelm. Clasping-leaved St. John's-wort. C.
Canadense, L. Canadian St. John's-wort. W.
Drummondii, T. & G. Drummond's St. John's-wort. W.
Sarothra, Michx. Orange-grass. A.
Virginicum, L. Marsh St. John's-wort. C. and W.
peliolatum, Walt. Larger Marsh St. John's-wort. E. and C.
aureum, Bart. Mucronate St. John's-wort. W.
fasciculatum, Lam. Fascicled St. John's-wort. E.
aspalathoides, Willd. Branching St. John's-wort. E.
ambiguum, Ell. Linear-leaved St. John's-wort. W.
corymbosum, Muhl. Mountain St. John's-wort. W.
Nudiflorum, Michx. Four-angled St. John's-wort. E. and C.
Buckleyi, Curtis. Buckley's St John's-wort. W.
pilosum, Walt. Downy St. John's-wort. E. aud C.
acutifolium, Ell. Larger Virgate St. John's-wort. C.
glomeratum. W.
ELODES campanulata, Pursh. E.
peliolata, Pursh. E.

Order 20.

CAMELLIACEAE. CAMELLIA FAMILY.

GORDONIA Lasianthus, L. Loblolly-Bay. E.
STUARTIA Virginica, Cav. E. and C.
pentagyna, L'Her. W.

Order 21.

MELIACEAE. MAHOGANY FAMILY.

MELIA Azederach, L. China Tree. A.

Order 22.

LINACEAE. FLAX FAMILY.

LINUM usitatissimum, L. Flax. C. and W.
Virginianum, L. Virginia Flax. A.
striatum, Walt. Swamp Flax. C.
sulcatum. Ridd. Sulcate Flax. C. and W.
medium (Plauch.) Britton. Stiff Yellow Flax. E.

Order 23.

OXALIDACEAE. WOOD-SORREL FAMILY.

OXALIS Acetosella, L. White Wood-sorrel. W.

Oxalis violacea, L. Violet Wood-sorrel. C. and W.
corniculata, L. Procumbent Wood-sorrel. E. and C.
filipes, Small. Slender Yellow Wood-sorrel. C.
stricta, L Upright Yellow Wood-sorrel. A.
recurva, Ell. Large-flowered Yellow Wood-sorrel, C.
cymosa, Small. Tall Yellow Wood-sorrel. C.
grandis, Small. Great Yellow Wood-sorrel. W.

Order 24.

GERANIACEAE. GERANIUM FAMILY.

Geranium maculatum, L. Crane's bill Alum-root. C. and W.
Carolinianum, L. Carolina Crane-bill. A.
dissectum, L. W.
Robertianum, L. Herb Robert. C.
Columbinum, L. Long-stalked Crane's-bill.
Molle, L. Crane's-bill. W.
Erodium cicutarium, L. Stork's-bill. E. and C.

Order 25.

BALSAMINACEAE. BALSAM FAMILY.

Impatiens pallida, Nutt. Pale Touch me-not. W.
fulva, Nutt. Spotted Touch-me-not. A.

Order 26.

RUTACEAE. RUE FAMILY.

Xanthoxylum Americanum, Mill. Prickly Ash. W.
Clava-Herculis, L. Southern Prickly Ash. E.
Clava Herculis Fruticosum, Gray. Shrubby Prickly Ash. E.
Ptelia trifoliata, L. Wafer-ash. A.

Order 27.

SIMARUBACEAE. AILANTHUS FAMILY.

Ailanthus glandulosa, Desf. Tree-of-Haven. A.

Order 28.

ANACARDIACEAE. SUMAC FAMILY.

Rhus copallina, L. Upland Sumac. A.
typhina, L. Staghorn Sumac C. and W.
glabra, L. Scarlet Sumac. C, and W.
aromatica, Ait. Fragrant Sumac. W.
aromatica mollis, Gray. Fragrant Sumac. C.
Vernix, L. Poison Sumac. A.
radicans, L Poison Ivy. A.
Toxicodendron, L. Poison Oak. A.
pumila, Michx. Hairy Sumac. E and C.
Cotinoides, Nutt. Smoke-tree. C.

Order 29.

VITACEAE. VINE FAMILY.

VITIS Labrusca, L. Fox Grape. A.
aestivalis, Michx. Summer Grape. A.
cordifolia, Michx. Frost Grape. A.
rotundifolia, Michx. Muscadine Grape. A.
bicolor, LeConte. Winter Grape. A.
Baileyana, Munson. Bailey's Grape. W.
CISSUS Ampelopsis, Pers. Simple Ampelopsis. E.
stans, Pers. Pepper-vine. E
AMPELOPSIS quinquefolia, Michx. Virginia Creeper. A.

Order 30.

RHAMNACEAE. BUCKTHORN FAMILY.

BERCHERIA volubilis, D. C. Supple Jack. E. and C.
RHAMNUS minutiflorus, Michx. Vine-like Buckthorn. E.
Carolinianus, Walt. Carolina Buckthorn. A.
lanceolata, Pursh. Lance-leaved Buckthorn. C.
CEANOTHUS Americanus, L. Red-root. A.

Order 31.

CELASTRACEAE. STAFF-TREE FAMILY.

EUONYMUS Americanus, L. Strawberry Bush. A.
atropurpureus, Jacq. Purple Strawberry Bush. C.
Europaeus, L. Spindle Tree. C.
CELASTRUS scandens, L. Bittersweet. W.
PACHYSTIMA Canbyi, Gray. Canby's Mountain Lover. W.

Order 32.

ILICACEAE. HOLLY FAMILY.

ILEX opaca, Ait. American Holly. A.
Cassine, L. Dahoon Holly. E.
vomitoria, Ait. Yaupon Holly. E.
glabra, L. Inkberry. Holly. E. and C.
decidua, Walt. Meadow Holly. E. and C.
monticola, Gray. Large-leaved Holly. W.
mollis, Gray. Broad-leaved Holly. W.
laevigata, Gray. Smooth Winterberay. E.
myrtifolia, Walt. Myrtle-leaved Holly. E.
ambigua, Chapm. Serrate leaved Holly. E.
longipes, Chapm. Smooth-leaved Holly. E.
Amelanchier, Curtis. Amelanchier Holly. E
verticillata, Gray. Black Alder. A.
Beadlei, Ashe. Beadle's Holly. C. and W.
lucida (Ait), T. & G. Inkberry. E.

Order 33.

CYRILLACEAE. CYRILLA FAMILY.

CYRILLA racemiflora, Walt. Leatherwood. E.

Order 34.

STAPHYLEACEAE. BLADDER-NUT FAMILY.

STAPHYLEA trifolia, L. Bladder-nut. A.

Order 35.

SAPINDACEAE. SOAP BERRY FAMILY.

CARDIOSPERNUM Halicacabum, L. Balloon Vine. C.
Æsculus glabra, Willd. Fetid Buckeye. W.
octandra, Marsh. Sweet Buckeye. W.
Pavia, L. Red Buckeye. C. and W.
ACER saccharinum, L. Silver Maple. W.
rubrum, L. Red Maple. A.
Saccharum, Marsh. Sugar Maple. W.
Saccharum Floridanum, Small. Sugar Maple. C.
Pennsylvanicum, L. Goosefoot Maple. W.
spicatum, Lam. Mountain Maple. W.
Negundo, L. Ash-leaved Maple. A.

Order 36.

POLYGALACEAE. MILKWORT FAMILY.

POLYGALA cymosa, Walt. Tall Pine barren Milkwort.
ramosa, Ell. Low Pine-barren Milkwort.
lutea, L. Orange Milkwort.
cruciata, L. Marsh Milkwort.
brevifolia, Nutt. Short-leaved Milkwort.
verticillata, L. Whorled Milkwort.
ambigua, Nutt. Loose spiked Milkwort.
incarnata, L. Pink Milkwort.
sanguinea, L. Purple Milkwort.
Curtissii, Gray. Curtiss' Milkwort.
Mariana, Mill. Maryland Milkwort.
Nuttallii, T. & G. Nuttall's Milkwort.
Senega, L. Seneka Snakeroot.
polygama, Walt. Racemed Milkwort.
paucifolia, Willd. Fringed Milkwort.

Order 37.

LEGUININOSAE. PULSE FAMILY.

CROTALLARIA sagittalis, L. Rattle-box. E. and C.
ovalis, Pursh. Prostrate Rattle-box. C. and W.
LUPINUS perennis, L. Wild Lupine. E. and C.
perennis gracilis, Nutt. Slender Lupine. E. and C.

LUPINUS villosus, Willd. Hoary Lupine. E. and C.
diffusus, Nutt. Prostrate Lupine. E. and C.
MEDICAGO lupulina, L. Black Medic. E. and C.
denticulata, Willd. Toothed Medic. E. and C.
sativa, L. Purple Medic. E and C.
CYTISSUS scoparius, L. Scotch Broom. C. and W.
MELILOTUS alba, Desv. White Melilot. A.
officinalis, Lam. Yellow Mellilot. A.
parviflora, D sf. Annual Melilot. A.
Indica, All. Indian Melilot. E.
TRIFOLIUM agrarium, L. Yellow Hop Clover. A.
procumbens, L. Smaller Hop Clover. A.
dubium, Sibth. Least Hop Clover. A.
incarnatum, L. Crimson Clover. A.
arvense, L. Rabbit-foot Clover. A.
pratense, L Red Clover. A.
reflexum, L. Buffaloe Clover. A.
hybridum, L. Alsatian Clover. A.
Carolinianum, Michx. Carolina Clover. A.
repens, L. White Clover. A.
HOSACKIA Purshiana, Beuth. Trefoil. C.
LOTUS Helleri, Britton. Heller's Lotus. C.
PSORALEA melilatoides, Michx. Psoralea. C.
Onobrychis, Nutt. Psoralea. C.
Canescens, Michx. Psoralea. E.
Lupinellus, Michx. Psoralea. E.
PETALOSTEMON corymbosus, Michx. E.
corymbosus trifoliatus, Chapm. E.
AMORPHA fruticosa, L False Indigo. A.
herbacea, Walt. Lead Plant. E.
glabra, Desf. Lead Plant. W.
virgata, Small. Lead Plant. W.
ROBINIA Pseudacacia, L. Locust. A.
viscosa, Vent. Clammy Locust. W.
hispida, L. Moss Locust. C. and W.
hispida rosea, Pursh Rose Locust. C. and W.
WISTARIA frutescens, D C. American Wisteria. E. and C.
TEPROSIA Virginica, Pers. Goat's Rue. A.
spicata, T. & G. Hirsute Goat's Rue. C. and W.
hispidula, Pursh. Aispid Goat's Rue. E. and C.
ambigua, Curtis. Hoary Goat's Rue. E. and C,
INDIGOFERA Caroliniana, Walt. Carolina Indigo. E.
tinctoria, L. Indigo. E
Anil, L. Indigo. E.
SESBANIA vesicaria, Ell. Sesban. E.
macrocarpa, Muhl. Sesban. E.
punicea, Beuth. Sesban. E.
ASTRALAGUS Canadensis, L. Milk Vetch. W.

Astralagus glaber, Michx. · Vetch. E.
Vicia sativa, L. Common Vetch. A.
hirsuta, Koch. Hairy Vetch. E.
Cracca, L. Cow Vetch. E. and C.
Americana, Muhl. American Vetch. E. and C.
Caroliniana, Walt. Carolina Vetch. A.
tetrasperma, Moluch. Slender Vetch. E. and C.
angustifolia, Roth. Smaller Common Vetch. E. and C.
Lathyrus venosus, Muhl. Veiny Pea. C.
myrtifolius, Muhl Myrtle-leaved Pea. W.
Aeschynomene hispida, Willd. Jointed Vetch. C.
Zornia tetraphylla, Michx. Zornia. E
Stylosanthes elatior, Swartz. Pencil Flower. A.
riparia, Kearney. Pencil Flower. W.
Lespedeza repens, Bart. Creeping Bush-clover. A.
violacea, Pers. Violet Bush-clover. A.
reticulata, Pers. Bush clover. A.
Sturei, Nutt. Sture's Bush clover. E and C.
striata, Hook & Arn. Japan Bush-clover. A.
hirta, Ell. Hairy Bush-clover. E. and C.
hirta oblongifolia, Britton. Bush-clover. E. and C.
capitata, Michx. Round-headed Bush-clover. C. and W.
capitata sericea, Hook & Arn. Bush-clover. E.
procumbens, Michx. Trailing Bush clover. E. and C.
Nuttallii, Darl. Nuttall's Bush clover. E.
frutescens (L.), Britton. Wand-like Bush-clover. E. and C,
Virginica (L.), Britton. Slender Bush-clover. E. and C.
angustifolia (Pursh.), Ell. Narrow-leaved Bush-clover. E and C.
Desmodium nudiflorum, D C. Naked Beggar's-tick. A.
acuminatum, D C. Pointed-leaved Beggar's tick. A.
paucifloium, D. C. Few flowered Beggar's-tick. A.
lineatum, D C. Sand Beggar's-tick. C.
rotundifolium, D. C. Prostrate Beggar's-tick. A.
ochroleucum, Curtis. Cream flowered Beggar's-tick. C.
humifusum, Beck. Trailing Beggar's-tick. E. and C.
strictum, D. C. Stiff Beggar's tick. E.
sessilifolium, T & G. Sessile-leaved Beggar's-tick. E.
canescens, D C Hoary Beggar's-tick. A.
bracteosum, D C. Bracted Beggar's-tick. C.
paniculatum, D. C. Panicled Beggar's tick. E.
paniculatum Chapmani, Britton. Chapman's Beggar's-tick. E
paniculatum pubens, Vail. Pabescent Beggar's tick. E.
laevigatum, D. C Smooth Beggar's-tick. A.
rhombifolium, D. C. Rhomb leaved Beggar's-tick. E.
viridiflorum, Beck. Violet-leaved Beggar's-tick. C.

Desmodium Dillenii, Darl. Dillen's Beggar's-tick. A.
Canadense, D. C. Canadian Beggar's-tick. A.
rigidum, D. C. Rigid Beggar's tick. A.
Marylandicum, Boott. Smooth Beggar's-tick. E.
ciliare, D. C. Hairy Beggar's-tick. E. & C.
tortuosum, D. C. A.
cuspidatum, T. & G. A
glabellum, D. C. E.
tenuifolium, T. & G. E.
Rhynchosia tomentosa, H. & A. Twining Rhynchosia. A.
erecta, D. C. Erect Rhynchosia. A.
simplicifolia, Wood. Round-leaved Rhynchosia. E. and C.
Phaseolus perennis, Walt. Wild Bean. A.
helvolus, L. Trailing Wild Bean. A.
umbellatus, Britton. Pink Wild Bean. E.
Apios tuberosa, Moluch. Ground Nut. A.
Vigna luteola, Benth. E.
Erythrina herbacea, L. E.
Clitoria Mariana, L. Partridge Pea. A.
Centrosema Virginiana, Benth. Virginia Partridge Pea. C. and W.
Amphicorpaea monoica, Nutt. Hog Pea. E. and C.
Galactia glabella, Michx. Milk Pea. E. and C.
pilosa, Ell. Downy Milk Pea. E. and C.
mollis, Michx. Hoary Milk Pea. E.
sessiliflora, T. & G. Sessile-flowered Milk Pea. E.
Baptisia lanceolata. Wild Indigo. E.
villosa, Ell. Villous Wild Indigo. E.
tinctoria, R. Br. Yellow Wild Indigo. A.
alba, R. Br. White Wild Indigo. W.
leucantha, T. & G. Largea Wild Indigo. E. and C.
Thermopsis Caroliniana, Curtis. Mountain Thermopsis. W.
fraxinifolia, Curtis. Smaller Mountain Thermopsis. W.
mollis, Curtis. Hairy Thermopsis. C.
Cladrastis tinctoria, Raf. Yellow wood. W.
Cercis Canadensis, L. Judas Tree. C. and W.
Cassia nictitans, L. Sensitive Pea. A.
Chamaecrista, L. Large flowered Sensitive Pea. A.
obtusifolia, L. Low-flowered Sensitive Pea. C.
Marylandica, L. Wild Senna. C. and W.
occidentalis, L. Coffee Senna. W.
aspera, Ell. Hirsute Sensitive Pea. A.
Gleditschia triacanthos, L. Honey Locust. C. and W.
monosperma, Walt. Swamp Locust.
Mimosa. C.
Schrankia uncinata, Willd. Sensitive Brier.
angustata, T. & G. Narrow-leaved Sensitive Brier. W.

Order 38.

ROSACEAE. ROSE FAMILY.

CHRYSOBALANUS oblongifolius, Michx. E.
PRUNUS Americana, Marsh. Wild Red Plum. A.
Chicasa, Michx. Hog Plum. A.
Pennsylvanica, L. Wild Red Cherry. W.
serotina, Ehrhart. Wild Black Cherry. W.
Virginiana, L. Choke Bberry. A.
Caroliniana, Ait. Mock Orange. W.
cuneata, Raf Appalachian Cherry. W.
Avium, L. Sweet Cherry. W.
AMYGDALUS Persica, L. Peach. A.
SPIRAEA opulifolia, L. Ninebark. C. and W.
opulifolia ferruginea, Nutt. Pubescent Ninebark. C. and W.
corymbosa, Raf. Corymbed Spiraea. W.
tomentosa, L. Hardback. A
salicifolia, L. Willow leaved Spiraea. A.
lobata, Murr. Lobed Spiraea. W.
Aruncus, L. Goat's-beard Spiraea. C. and W.
Virginiana, Britton. Virginia Spiraea. W.
GILLENIA trifoliata, Moluch. Indian Physic. C. and W.
stipulacea, Nutt. American Ipecac. C- and W.
AGRIMONIA hirsuta, Bick. Tall hairy Agrimony. C, and W.
striata, Michx. Woodland Agrimony. A.
pumila, Muhl. Small-fruited Agrimony. E. and C.
mollis, T. & G. Soft Agrimony. W.
parviflora, Soland. Many flowered Agrimony. C. and W.
Eupatoria, L. European Agrimony. C. and W.
SANGUISORBA Canadensis, L. American Burnet. W.
ALCHEMILLA arvensis, L. Firegrass. A.
GEUM Virginianum, L. Virginia Avens. C.
album, Gmelin. White Avens. C and W.
flavum, Porter Cream Avens. W.
geniculatum, Mich. Hairy Avens. W.
vernum, T. & G Spring Avens. W.
radiatum, Michx. Roan Mountain Aolus. W.
WALDSTEINIA fragarioides, Tratt. Barren Strawberry. W.
parviflora, Small. Southern Dry Strawberry. W.
POTENTILLA Norvegica, L Rough Cinquefoil. A.
Canadensis, L. Field Cinquefoil. A.
Canadensis pumila, T. & G. Cinquefoil. A.
tridentata, Soland. Three toothed Cinquefoil. W.
recta, L. Rough-fruited Cinquefoil. W.
FRAGARIA Virginiana, Duch. Virginia Strawberry. A.
vesca, L. European Strawberry. A.
Indica, Andr. Indian Strawberry. A.
RUBUS odoratus, L. Rose-flowering Raspberry. W.

RUBUS strigosus, Michx. Wild Red Raspberry. W.
occidentalis, L. Black Raspberry. W.
villosus, Ait. High Bush Blackberry. A.
frondosus, Bigil. Bracted Blackberry. A.
Millspaughii, Britton. Millspaugh's Blackberry. W.
parviflorus, Walt. Sand Blackberry E. and C.
hispidus, L. Swamp Blackberry. W.
trivialis Michx. Low-bush Blackberry. A.
Baileyanus, Britton. Bailey's Blackberry. C.
Canadensis, L. Dewberry. A.

ROSA setigera, Michx. Climbing Rose. C.
Carolina, L Swamp Rose. A
rubiginosa, L. Sweetbrier Rose. C.
humilis, Marsh. Pasture Rose. A.
laevigata, Michx. Cherokee Rose. A.

CRATAEGUS Crus-Galli, L Cockspur Thorn. A.
spathulata, Michx. Small-fruited Haw. E. and C.
punctata, Jacq. Large-fruited Haw. W.
cordata, Ait. Washington Haw. C. and W.
rotundifolia, Borck. Haw. W.
Oxycantha, L May Thorn. C.
elliptica, Ait. May Thorn. W.
apiifolia, Michx. Parsley Haw. E. and C.
coccinea, L Red Haw. A
glandulosa, Willd. Glandular Haw. C. and W.
macracantha, Lodd. Long spine Haw. C.
mollis, Scheele. Red-fruited Haw. C.
tomentosa, L. Pear Haw. C.
tomentosa Chapmanii, Beadle. Chapman's Haw. W.
flava, Ait. Yellow Haw. A.
uniflora, Muluch Dwarf Haw. E and C.
Vailiae, Britton. Vail's Haw. C.
collina, Chapm. Haw. W.

PYRUS Americana, D. C. Mountain Ash. W.
angustifolia, Ait. Narrow-leaved Crab Apple. C.
coronaria, L. American Crab Apple. C. and W.
Malus, L. Common Apple. C.
arbutifolia, L. f. Red Choke-berry. C.
arbutifolia nigra, Willd. Black Choke-berry. C. and W.
arbutifolia erythrocarpa, Chap. Choke-berry. C. and W.

AMELANCHIER Canadensis, Medic. June berry. A.
Botryapium, D. C. Shad-bush. A.
rotundifolia, Roem. Round-leaved Shad-bush. A.

Order 39.

CALYCANTHACEAE. ALL SPICE FAMILY.

CALYCANTHUS floridus, L. Sweet Shrub. A.
laevigatus, Willd. Pubescent Sweet Shrub. C. and W.
glaucus, Willd. Smooth Sweet Shrub. C. and W.

Order 40.

SAXIFRAGACEAE. SAXIFRAGE FAMILY.

ASTILBE decandra, Don. Goat's Beard. C. and W.
SAXIFRAGA Pennsylvanica, L. Pennsylvania Saxifrage. C.
micranthifolia, B S. P. Lettuce Saxifrage. W.
Virginiensis, Michx. Early Saxifrage. C. and W.
Grayana, Britton. Gray's Saxifrage. W.
Michauxii, Britton. Michaux's Saxifrage. W.
Careyana, Gray. Carey's Saxifrage. W.
HEUCHERA Americana, L. American Heuchera. C. and W.
villosa, Michx. Hairy Heuchera. C. and W.
Curtissii, Gray. Curtiss' Heuchera. W.
Rugellii, Shuttlw. Rugel's Heuchera. W.
pubescens, Pursh. Downy Heuchera. W.
hispida, Pursh. Rough Heuchera. W.
BOYKINIA aconitifolia, Nutt. Aconite Saxifrage. W.
TIARELLA cordifolia, L. False Nitre-wort. W.
MITELLA diphylla, L. True Nitre-wort. W.
CHRYSOSPLENIUM Americanum, Schw. Golden Saxifrage. W.
ITEA Virginica, L. Virginia Willow. A.
HYDRANGEA arborescens, L. Wild Hydrangea. C. and W.
radiata, Walt. Downy Hydrangea. W.
DECUMARIA barbara, L. Decumaria. E. and C.
PHILADELPHUS grandiflorus, Willd. Large-flowered Syranga. W.
hirsutas, Nutt. Hairy Syringa. W.
inodorus. L. Scentless Syringa. C. and W.
coronarius, L. Gordon Syringa. C.
RIBES Cynosbati, L. Wild Gooseberry. W.
rotundifolium, Michx. Eastern Wild Gooseberry. W.
prostratum, L'Her. Fetid Gooseberry. W.
resinosum, Pursh. Resinous Gooseberry. W.
Uva-crispa, L. Garden Gooseberry. C.
floridum, L'Her. Wild Black Currant. C.
rubrum, L. Red Currant. C.

Order 41.

PARNASSIACEAE. PARNASSIA FAMILY.

PARNASSIA Caroliniana, Michx. Grass-of-Parnassus. A.
asarifolia, Vent Mountain Grass-of-Parnassus. W.
grandiflora, D. C. Large-leaved Grass-of-Parnassus. W.

Order 42.

CRASSULACEAE. ORPINE FAMILY.

SEDUM roseum, Scop. Rosewort. W.
telephioides, Michx. American Orpine. W.
pulchellum, Michx. Widow's Cross. W.
ternatum, Michx. Wild Stonecrop. W.

SEDUM Nevii, Gray. Nevius' Stonecrop. W.
Rhodiola, D. C. Canby's Stonecrop. W.
PENTHORIUM sedioides, L. Virginia Stonecrop. A.
BRYOPHYLLUM calycinum, Salisb. Bryophyllum. C.
DIAMORPHIA pusilla, Nutt. Diamorpha. C. and W.

Order 43.

HAMAMELACEAE. WITCH HAZEL FAMILY.

HAMAMELIS Virginica, L. Witch Hazel. A.
FOTHERGILLA alnifolia, L. Dwarf Alder. E. and C.
monticola, Ashe. Dwarf Alder. W.
LIQUIDAMBAR Styraciflua, L. Sweet Gum. A.

Order 44.

MELASTOMACEAE. DEER GRASS FAMILY.

RHEXIA Mariana, L. Maryland Meadow-Beauty. A.
Virginica, L. Virginia Meadow-Beauty. A.
glabella, Michx. Purple Meadow-Beauty. E.
ciliosa, Michx. Ciliate Meadow-Beauty. E. and C.
lutea, Walt. Yellow Meadow-Beauty. E.

Order 45.

LYTHRACEAE. LOOSESTRIFE FAMILY.

DIDIPLIS linearis, Raf. Water Purslane. E.
AMMAINA humilis, Michx. Ammania. E.
Koehnei, Britton. Koehne's Ammania. E.
latifolia, L. Ammania. E.
LYTHRUM alatum, Pursh. Angled Loosestrife. A.
lineare, L Linea Loosestrife. E.
NESAEA verticillata, H. B. K. Swamp Loosestrife. E. and C.
CUPHEA viscosissima, Jacq. Wax-weed. C. and W.

Order 46.

HALORAGEAE. WATER-MILFOIL FAMILY.

PROSERPINACA palustris, L. Mermaid-weed. E.
pectinacea, Lam. Cut-leaved Mermaid-weed. E.
MYRIOPHYLLUM verticillatum, L. Whorled Water-Milfoil. E.
spicatum, L. Spiked Water-Milfoil. E.
heterophyllum, Michx. Various-leaved Water-Milfoil. E.
scabratum, Michx. Pinnate Water-Milfoil. E.

Order 47.

ONAGRACEAE. EVENING PRIMROSE FAMILY.

GAURA biennis, L. Biennial Gaura. W.
filipes, Spach. Michaux's Gaura. C.
angustifolia, Michx. Field Gaura. C.

OENOTHERA biennis, L. Hairy Evening Primrose. A.
humifusa, Nutt. Seaside Evening Primrose. E. and C.
sinuata, L. Sinuate Evening Primrose. E. and C.
glauca, Michx. Smooth Evening Primrose. W.
fruticosa, L. Common Evening Primrose. A.
linearis, Michx. Narrow Evening Primrose. A.
pumila, L. Small Evening Primrose. C.
grandiflora, Ait. Grand Evening Primrose. A.
longipedicellata, Small Long-stemmed Evening Primrose. W.
pilosella, Raf. Mountain Evening Primrose. W.
EPILOBIUM strictum, Muhl. Soft Willow-herb. W.
Coloratum, Muhl. Purple Willow-herb. W.
angustifolium, L. Tall Willow-herb. W.
palustre(L)lineare, Gray. Mountain Willow-herb. W.
JUSSIAEA decurrens, D. C. Primrose-Willow. A.
diffusa, Forkl. Floating Primrose-Willow. E.
LUDWIGIA palustris, Ell. Marsh Parslane. A.
alternifolia, L. Alternated Ludwigia. A.
virgata, Michx Terete Ludwigia. E.
hirtella, Raf. Hairy Ludwigia. E.
linearis, Walt. Linear-leaved Ludwigia. E.
linifolia, Poir. Smooth Ludwigia. E.
pilosa, Walt. Tomentose Ludwigia. E.
sphaerocarpa, Ell. Globe-fruited Ludwigia. E. and C.
capitata, Michx. Capitate Ludwigia. E. and C.
alata, Ell. Wing-stemmed Ludwigia. E.
microcarpa, Michx. Petalless Ludwigia. E. and C.
arcuata, Walt. Curve podded Ludwigia. E.
CIRCAEA Lutetiana, L. Enchanter's Nightshade. C. and W.
alpina, L. Lesser Enchanter's Nightshade. C. and W.

Order 48.

TURNERACEAE. TURNERA FAMILY.

PIRIGUETA fulva, Chapm. Pirigueta. E.

Order 49.

PASSIFLORACEAE. PASSION FLOWER FAMILY.

PASSIFLORA incarnata, L May Pop. A.
lutea, L. Small May Pop. A.

Order 50.

CUCURBITACEAE. GOURD FAMILY.

LAGENARIA vulgaris, Sering. Gourd. A.
MELOTHRIA pendula, L. Melothria. E.
SICYOS angulatus, L. One seeded Cucumber. C.

Order 51.

CACTACEAE. CACTUS FAMILY.

OPUNTIA vulgaris, Mill. Prickly Pear. A.

Order 52.

FICOIDEAE.

SESUVIUM { portulacastrum, L Sea Purslane. E.
{ pentandrum, Ell. Sea Purslane. E.
MOLLUGO verticillata, L. Carpet-weed. A.

Order 53.

UMBELLIFERAE. PARSLEY FAMILY.

HYDROCOTYLE umbellata, L Umbellate Water cup. E.
Canbyi C. & R. Canby's Water cup. E.
verticellata, Thurb. Whorled Water-cup. E.
Americana, L. American Water-cup. A.
ranunculoides, L f. Floating Water-cup. E.
Bonariensis, Lam. E.
repanda, Pers. Ovate Water-cup. E.
CRANTZIA lineata (Michx.), Nutt. Crantzia. E.
SANICULA Marylandica, L. Black Sanicle. A.
Canadensis, L. Canada Sanicle. A.
gregaria, Bicknell. Clustered Sanicle. E. and C.
ERYNGIUM yuccaefolium, Michx. Button Snake Root. A.
yuccaefolium synchaetum, Gray. Button Snake Root. E.
virgatum, Cam. Virgate Button Snake Root. A.
Virginianum, Lam. Virginia Button Snake Root. A.
praealtum, Gray. Marsh Button Snake Root.
PIMPERNELLA integerrima, B. & H. Yellow Pimpernel. E. and C.
BUPLEURUM rotundifolium, L Hare's Ear. A.
CICUTA maculata, L. Poison Hemlock. A.
APIUM Petroselinum, L. Garden Parsley. E. and C.
graveolens, L. Celery. E. and C.
leptophyllum, D. C. Marsh Parsley. E. and C.
LEPTOCAULIS divaricatus, D. C. E.
DISCOPLEURA capillacea, D. C. Bishop weed. E.
DERINGA Canadensis, D. C. Honewort. C. and W.
SIUM lineare, Michx. Water Parsnip. A.
longifolium, Pursh. Water Parsnip. E. and C.
THASPIUM trifoliatum (L.), Britton. Golden Alexander. C. and W.
aureum, Nutt. Golden Alexander. A.
barbinode, Nutt. Hairy Golden Alexander. A.
pinnatifidum, Gray. Cut-leaved Golden Alexander. W.
LIGUSTICUM actaeifolium, Michx. Angelica. W.
ZIZIA aurea, Koch. Golden Meadow Parsnip. A.
Bebbii, C. & R. Bebb's Meadow Parsnip. W.
cordata, D. C. Heart-leaved Meadow Parsnip. A.

Angelica Curtissii, Buckley. Curtiss' Angelico. W.
hirsuta, Muhl. Pubescent Angelico. A.
Conioselinum Canadense, T. & G. Hemlock Parsley. W.
Tiedmania rigida, C. & R. Water Drop-wort. E. and C.
teretifolia, D. C. Water Drop-wort. E. and C.
ternata, C. & R. Ternate Water Drop-wort. E. and C.
Heracleum lanatum, Michx. Cow-Parsnip. W.
Daucus Carota, L. Wild Carrot. A.
pusilla, Michx. Wild Carrot. A.
Chaerophyllum procumbens, Lam. Chervil. A.
Teinturieri, Hook. Chervil. E. and C.
Osmorrhiza brevistylis, D. C. Sweet Cicely. C. & W.
longistylis, D. C, Sweet Cicely. C. and W.
Erigenia bulbosa, Nutt. Harbinger-of-Spring. W.
Coriandrum sativum, L. Coriander. C. and W.
Caucalis nodosa, Huds. Hedge Parsley. E.
Pastinaca sativa, L. Wild Parsnip. A.
Æthusa Cynapium, L. Fool's Parsley. E.
Fœniculum vulgare, Gaert. Fennel. C.
Scandix Pecten-Veneris, L. Shepherd's-needle. E. aad C.
Carum Carui, L. Caraway. C.

Order 54.

ARALIACEAE. GINSENG FAMILY.

Aralia racemosa, L. Spikenard. W.
hispida Mich. Rough Sarsaparilla. W.
nudicaulis, L. Wild Sarsaparilla. W.
spinosa. Prickly Ash. A.
Panax quinquefolium, L. Ginseng. W.
trifolium, L. Dwarf Ginseng. E.

Order 55.

CORNACEAE. DOGWOOD FAMILY.

Cornus florida, L. Flowering Dogwood. A.
circinata, L'Her. Round-leaved Dogwood. W.
sericea, L. Swamp Dogwood, E. and C.
stolonifera, Michx. Red Osier Dogwood. W.
paniculata, L'Her. Panicled Dogwood. C. and W.
stricta, Lam. Strict Dogwood. A.
alternifolia, L. f. Alternate-leaved Dogwood. C. and W.
Nyssa sylvatica, Marsh. Tupelo. A.
biflora, Walt. Water Tupelo. E.
aquatica, L. Larger Water Tupelo. E.
Caroliniana, Poir. Carolina Tupelo. E.

Order 56.

CAPRIFOLIACEAE. HONEYSUCKLE FAMILY.

Sambucus Canadensis, L. American Elder. A.
pubens, Michx. Red-berried Elder. W.

VIBURNUM alnifolium, Marsh. Hobble-bush. W.
acerifolium, L. Arrow-wood. A.
pubescens, Pursh. Downy Arrow-wood. W.
dentatum, L. Mealy-tree. C. and W.
molle, Michx. Soft-leaved Arrow-wood. E.
cassinoides, L. Withe-rod. W.
nudum, L. Larger Withe-rod. A.
Lentago, L. Sheep-berry. W.
prunifolium, L. Black Haw. A.
rufotomentosum, Small. Southern Black Haw. A.
obovatum, Walt. Small Black Haw. E.
angustifolium, T. & G. Swamp Withe-rod. E.
TRIOSTEUM perfoliatum, L. Fever-wort. C. and W.
angustifolium, L. Narrow Fever-wort. C. and W.
SYMPHORICARPUS racemosus, Michx. Snow-berry. C.
vulgaris, Michx. Coral-berry. C. and W.
LONICERA Caprifolium, L. Italian Honeysuckle. C. and W.
parviflora, Lam. Glaucous Honeysuckle. W.
flava, Sims. Xellow Honeysuckle. W.
sempervirens, L. Trumpet Honeysuckle. A.
Japonica, Thumb. Japanese Honeysuckle. A.
DIERVILLA trifida, Moluch. Bush Honeysuckle. W.
sessilifolia, Buckley. Sessile-leaved Honeysuckle. W.
rivularis, Gattinger. Mountain Honeysuckle. W.

Order 57.

RUBIACEAE. MADDER FAMILY.

HOUSTONIA coerulea, L. Bluets. Innocense. A.
serphyllifolia Michx. Thyme-leaved Innocense. A.
minor (Michx.), Britton. Small Innocense. E. and C.
purpurea, L. Large Innocense. W.
purpurea pubescens, Britton. Hairy Innocense. W.
purpurea calycosa, Gray. Narrow-leaved Innocense. C. and W.
longifolia, Gaertn. Long-leaved Innocense. C.
tenuifolia, Nutt. Slender Innocense. A.
OLDENLANDIA glomerata, Michx. Clustered Bluets. E.
CEPHALANTHUS occidentalis, L. Button-bush. A.
MITCHELLA repens, L. Partridge-berry. A.
DIODIA teres, Walt. Rough Button weed. A.
Virginiana, L. Larger Button-weed. A.
GALIUM Parisiense, L. Wall Bedstraw. C.
Aparine, C. Cleavers. A.
pilosum, Ait. Hairy Cleavers. E. and C.
puncticulosum, Michx. Glabrous Cleavers. E. and C.
lanceolatum. Torr. Torrey's Cleavers. W.
circaezans, Michx. Cross Cleavers. A.
triflorum, Michx. Fragrant Cleavers. A.

GALIUM latifolium, Michx. Purple Cleavers. W.
tinctorium, L. Wild Madder. W.
tinctorium filifolium, Wie. Lesser Wild Madder. E.
Claytoni. Michx. Clayton's Madder. E.
parviflorum, Raf. Shining Madder. E. and C.
Asprellum, Michx. Rough Madder. C. and W.
hispidulum, Michx. Coast Madder. E.
trifidum, L Small Madder. E.

Order 58.

LOGANIACEAE LOGANIA FAMILY.

SPIGELIA Marilandica, L. Pink Root. E. and C.
GELSEMIUM sempervirens, Ait. f Yellow Jessamine. E. and C.
MITREOLA petiolata, T. & G. Mitrewort. E. and C.
sessilifolia, T. & G. Whorled Mitrewort. E. and C.
POLYPREMUM procembens, L. Polypremum. A.

Order 59.

VALERIANACEAE. VALERIAN FAMILY.

VALERIANA pauciflora, Michx. Valerian. W.
VALERIANELLA Locusta, Betcke. Corn Salad. C.
Chenopodifolia, D. C. Goose-foot Corn Salad. C.
radiata, Durf. Beaked Corn Salad. C.

Order 60.

DIPSACACEAE. TEASEL FAMILY

DIPSACUS sylvestris, Miller. Teasel. C. and W.

Order 61.

CICHORIACEAE. CHICORY FAMILY.

CICHORIUM Intybus, L. Chicory. A.
divaricatum, D. C. Chicory. W.
APOGON, humilis, Ell. C.
KRIGIA Virginica, Willd. Dwarf Dandelion. A.
amplexicaulis, Nutt. Virginia Dandelion. A.
Montana, Nutt. Mountain Dandelion. W.
Dandelion, Nutt. Goat's beard. E. and C.
TRAGOPOGON porrifolius, L. Oyster Plant. E. and C.
TARAXACUM Dens leonis, Desf. Dandelion. A.
SONCHUS oleraceus, L Sow Thistle. A.
asper, All. Spiny Sow Thistle. A.
LACTUCA Canadensis, L. Wild Lettuce. A.
hirsuta, Muhl. Hairy Wild Lettuce. W.
integrifolia, Bigd. Arrow leaved Wild Lettuce. W.
acuminata, Gray. Blue Wild Lettuce. C. and W.
Floridana, Gaert. Florida Wild Lettuce. C.
leucophaea, Gray. Tall Blue Wild Lettuce. W.

LACTUCA leucophaea integrifolia, Gray. Blue Wild Lettuce. W.
graminifolia, Michx. Wild Lettuce. E.
PYRRHOPAPPUS Carolinianus, D. C. False Dandelion. A.
CREPIS pulchra, L. Hawksbeard. C.
virens, L. Smooth Hawksbeard. E.
biennis, L. Rough Hawksbeard. E.
HIERACIUM venosum, L. Bloodwort. A.
Marianum, Willd. Maryland Bloodwort. C.
Greenii, Porter & Britton. Green's Bloodwort. W.
paniculatum, L. Panicled Bloodwort. W.
scabrum, Michx. Rough Bloodwort. W.
Gronovii, L. Gronovius' Bloodwort. A.
NABALUS altissimus, Hook. Tall White Lettuce. W.
albus, Hook. Lion's foot. A.
serpentarius, Hook. Canker-weed. W.
integrifolius, Cass. Canker weed. W.
virgatus, D. C. Slender Canker-weed. E.
crepidineus, D. C. Corymbed Canker-weed. W.

Order 62.

AMBROSIACEAE. RAGWEED FAMILY.

IVA frutescens, L. Marsh Elder. E.
imbricata, Walt. Sea-coast Marsh Elder. E.
AMBROSIA trifida, L. Great Ragweed. C. and W.
integrifolia, Muhl. Lesser Ragweed. C. and W.
artemisiafolia, L. Roman Wormwood. A.
XANTHIUM spinosum, L. Clot-bur. A.
strumarium, L. Cockle-bur. A.
Canadense, Mill. American Cockle-bur. A.

Order 63.

COMPOSITAE. COMPOSITE FAMILY.

VERNONIA Noveboracensis, Willd. Iron-weed. A.
Noveboracensis tomentosa, Malt. Pubescent Iron-weed. A.
glauca (L.), Britton. Broad-leaved Iron-weed. A.
gigantea (Walt.), Britton. Tall Iron-weed.
oligophylla, Michx. Naked Iron-weed. E.
angustifolia, Michx. Leafy Iron-weed. E.
ELEPHANTOPUS Carolinianus, Willd. Elephant's-foot. A.
nudatus, Gray. Smooth Elephant's-foot. A.
tomentosus, L. Woolly Elephant's-foot A.
SCLEROLEPIS verticillata, Cass. Sclerolepsis. E.
CARPHEPHORUS tomentosus, T. & G. E.
corymbosus, T & G E
bellidifolius, T. & G. E.
LIATRIS squarrosa, Hell. Blazing Star. E. and C.
intermedia, Small. Lesser Blazing Star. E. and C.

LIATRIS elegans, Willd. Handsome Blazing Star. E. and C.
Helleri, Small. Heller's Blazing Star. C.
scariosa, Willd. Button Snake-root. A.
squarrulosa, Michx. Small Snake-root. E. and C.
spicata, Willd. Gay Feather. E. and C.
spicata pumila, Lodd. Larger Feather. C. and W.
graminifolia, Willd. Fine-leaved Blazing Star. C. and W.
graminifolia pilosa (Ait), Britton. Ciliate Blazing Star. E.
tenuifolia, Nutt. Smooth Blazing Star. E.
pauciflora, Pursh. Pubescent Blazing Star. E.
gracilis, Pursh. Graceful Blazing Star. E.
odoratissima, Michx. Carolina Vanilla. E.
paniculata, Michx. Hairy Vanilla. E.
regimontis Small. Vanilla C.

KUHNIA eupatoriodes, L. False Boneset. A.

EUPATORIUM purpureum, L. Queen-of-the-Meadow. A.
purpureum falcatum (Michx), Britton. Narrow-queen-of-the-Meadow. A.
purpureum amoenum, Gray. Purple Boneset. A.
foeniculaceum, Wild. Hog-weed Boneset. C.
serotinum, Michx. Late flowering Boneset. A.
leucolepis, T. & G. White-bracted Boneset. E.
album, L White Boneset. C. and W.
hyssopifolium, L. Hyssop-leaved Boneset. A.
Torreyanum, Short. Torrey's Boneset. C. and W.
semiserratum, L C. Small-flowered Boneset. E.
altissimum, L. L Tall Boneset. W.
sessilifolium, L Bastard Boneset. W.
verbenaefolium, Michx. Vervain Boneset. C. and W.
rotundifolium, L. Wild Hoarhound. C. and W.
pubescens, Muhl. Hairy Boneset. E. and C.
perfoliatum, L. Common Boneset. A
truncatum, Muhl. Traucote Boneset. A.
ageratoides, L. f. White Snake-root. C. and W.
aromaticum, L. Smaller Snake-root. C. and W.
coelestinum, L. Mist-flower. E. and C.
coronopifolium, Willd. E.
pinnatifidum, Ell. E
incarnatum, Walt. E.

MIKANIA scandens, Wild. Climbing Boneset. A.

SERICOCARPUS conyzoides, Nees. White Aster. E. and C.
solidagineus, Nees. Rough White Aster. E. and C.
tortifolius, Nees. Toothed White Aster. E. and C.

ASTER fenebrosus, Burgess. Long-leaved Wood Aster. W.
divaricatus, L. White Wood Aster. W.
divaricatus cymulosus, Burgess. W.
divaricatus curtifolius, Burgess. W.
divaricatus deltoideus, Burgess. W.

ASTER divaricatus persaliens, Burgess. W.
divaricatus fontinalis, Burgess. W.
Claytoni, Burgess. Clayton's Aster. W.
curvescens, Burgess. Dome-topped Aster. C
curvescens umbelliformis, Burgess. C.
curvescens oviformis, Burgess. C.
Schreberi, Nees Schreber's Aster. C.
macrophyllus, L. Large-leaved Aster. W.
Shortii, Hook. Short's Aster. W.
azureus, Lindl. Sky-blue Aster. E. and C.
cordifolius, L. Common Blue Aster. E. and C.
cordifolius polycephalus, Porter. E. and C.
cordifolius alveanus, Burgess. W.
cordifolius pedicellatus, Burgess. W.
Lowrieanus, Porter. Lowrie's Aster. E. and C.
ptarmicoides Georgianas, Small. Aster. C.
undulatus, L. Wavy-leaf Aster. A.
undulatus abruptifolius, Burgess A.
undulatus loriformis, Burgess. A.
undulatus triangularis, Burgess. A.
patens, Ait. Late Purple Aster. A.
phlogifolius, Muhl. Thin-leaved Purple Aster. A.
Novae Angliae. L. New England Aster. E. and C.
oblongifolius, Nutt. Aromatic Aster. E. and C.
puniceus, L. Red-stalked Aster. A.
puniceus firmus, Nees. Red-stalked Aster. A.
laevis, L. Smooth Aster. E. and C.
concinnus, Willd Narrow-leaved Smooth Aster. E.
purpuratus, Nees. Southern Smooth Aster. E.
Novi-Belgii elodes, T. & G. Aster. E.
Novi-Belgii Atlanticus, Burgess. Atlantic Aster. E.
Novi Belgii Brittonii, Burgess. Britton's Aster. E.
concolor, L. Eastern Silvery Aster. E.
grandiflorus, L. Large flowered Aster. E. and C.
surculosus, Michx. Creeping Aster. E. and C.
gracilis, Nutt. Tuber Aster. A.
acuminatus, Mich. Mountain Aster W.
dumosus, L. Bushy Aster. E. and C.
cordifolius, T. & G. Stouter Bushy Aster. E.
paniculatus, Lam. Panicled Aster. C.
bellidiflorus, Willd. Aster. C. and W.
simplex, Willd. Aster. C. and W.
Tradescanti, L. Tradescant's Aster. C.
Faxoni, Porter. Faxon's Aster. W.
ericoides, L. Frost weed Aster. E. and C.
ericoides pilosus, Porter. Aster. W.
ericoides platyphyllus, T. & G. Aster. W.
lateriflorus (L.), Britton. Calico Aster. E.

ASTER lateriflorus glomerellus, Burgess. Aster. E.
lateriflorus pendulus, Burgess. Aster. E.
lateriflorus horizontalis, Burgess. Aster. E.
vimineus, Lam. Small White Aster. C.
foliolosus, Ait. Aster. C.
multiflorus, L. White Wreath Aster. A.
tenuifolius L. Perennial Aster. E.
subulatus, Michx. Annual Aster. E.
spectabilis, Ait. Seaside Purple Aster. E.
Curtissii, T. & G. Curtiss' Aster. W.
squarrosus, Walt. Aster. E.
Elliottii, T. & G. Elliott's Aster. E. and C.
infirmus, Michx. Cornel-leaved Aster. W.
umbellatus, Willd. Tall Flat-top Aster. C.
amygdalinus, T. & G. Broad Flat-top Aster. C.
linarifolius, L Savory-leaved Aster. E and C.

ERIGERON strigosus, Muhl. Daisy Fleabane. A.
annuus. Pers. Sweet Scabious. A.
Philadelphicus, Muhl. Philadelphia Fleabane. A.
bellidifolius. Muhl. Plantain Fleabane. E. and C.
nudicaulis, Michx. Early Fleabane. E. and C.
Canadensis, L. Canada Fleabane. A.
linifolius, Willd. Panicled Fleabane. A.

BOLTONIA diffusa, Ell. Panicled Boltonia. E.
glastifolia, L'Her. Boltonia. E.
asteroides, L'Her. Aster like Boltonia. A.

BELLIS perrenis, L. European Daisy. E.

SOLIDAGO squarrosa, Muhl. Stout Ragged Golden rod. A.
petiolaris, Ait. Downy Ragged Golden-rod. W.
caesia, L Blue-stemmed Golden-rod. E. and C.
flexicaulis, L. Zig-zag Golden-rod. E. and C.
Curtissii, T. & G. Curtis' Golden rod. W.
bicolor, L White Golden-rod. W.
uliginosa, Nutt. Golden rod. W.
hispida, Muhl. Hairy Golden-rod. W.
erecta, Pursh. Slender Golden-rod A.
monticola, T. & G. Mountain Golden-rod. W.
puberula, Nutt. Downy Golden-rod. E.
stricta, Ait. Wand-like Golden-rod. E.
speciosa, Nutt. Noble Golden-rod. A.
Purshii, Porter. River-bank Golden-rod. E.
sempervirens, L. Sea-side Golden-rod. E.
odora, Ait. Sweet Golden-rod. A.
odora inodora, Gray. Scentless Golden-rod. A.
tortifolia, Ell. Twisted-leaf Golden-rod. E. and C.
rugosa, Mill. Wrinkle-leaved Golden-rod. A.
fistulosa, Mill. Pine barren Golden-rod. E.
patula, Muhl. Spreading Golden-rod. C. and W.

SOLIDAGO patula strictula, T. & G. Strict Spreading Golden-rod. C. and W.
ulmifolia, Muhl. Elm-leaved Golden-rod. C. and W.
Boottii, Hook. Boot's Golden-rod. C. and W.
Boottii Yadkinensis, Britton. Yadkin Golden-rod. C.
Elliottii, T. & G. Elliott's Golden-rod. E.
juncea, Ait Sharp toothed Golden-rod. A.
arguta, Ait Cut leaved Golden-rod. W.
serotina, Ait. Late Golden-rod. W.
gigantia, Ait. Hispid Late Golden-rod. W.
Canadensis, L. Canada Golden-rod. C.
Canadensis scabriuscula, Porter. Golden-rod. C.
nemoralis, Ait. Field Golden rod. C.
rigida, L Hard leaved Golden rod. A.
graminifolia, Ell. Fragrant Golden-rod. C.
tenuifolia, Pursh. Slender Fragrant Golden-rod. C.
sphacelata, Raf. False Golden-rod. W.
pubens, Curtis. Pubescent Golden-rod. W.
Buckleyi, T. & G. Buckley's Golden-rod. W.
lancifolia, T. & G. Mountain Golden-rod. W.
pulverulenta, Nutt. Pine-barren Golden-rod. E.
verna, Curtis. Hoary Pine-barren Golden rod. E.
glomerata, Michx. High Mountain Golden-rod. W.
spithamaea, Curtis. Tufted-stemmed Golden-rod. W.
angustifolia, Ell. Sea coast Golden-rod. E.
amplexicaulis. T. & G. Clasping Golden-rod. C.
plumosa, Small. C.

BIGELOVIA nudata, D. C. Rayless Golden-rod. E.

CHRYSOPSIS graminifolia, Nutt. Golden Aster. E.
Mariana, Nutt. Maryland Golden Aster. A.
trichophylla, Nutt. Biennial Golden Aster. E.
hyssopifolia, Nutt. Hissop-like Golden Aster. E.
gossypina, Nutt. Cottony Golden Aster. E.

BACCHARIS halemifolia, L Groundsel-bush. E
glomerulifolia. Pers. Groundsel bush. E.
angustifolia, Michx. Groundsel-bush. E.

INULA Helenium, L. Elecampane. W.

PLUCHEA bifrons, D C. Viscid Marsh Fleabane. E. and C.
foetida, D. C. Inland Marsh Fleabane. E. and C.
camphorata, D. C. Spicy Marsh Fleabane. E. and C.

PTEROCAULON pycnostachyum, Ell Pterocaulon. E.

ANTENNARIA margaritacea, R. Br. Everlasting. A.
plantaginifolia, Hook. Plantain Everlasting. A.
neodioica, Greene. Cat's-foot Everlasting. C.
neglecta, Greene. Field Cat's-foot Everlasting. C.

GRAPHALIUM polycephalum, Michx. Sweet Life Everlasting. A.
Helleri, Britton. Heller's Life Everlasting. E. and C.
purpureum, L. Purple Life Everlasting. A.

GNAPHALIUM uliginosum, L. Low Marsh Life Everlasting. E.
FIALGO Germanica, L. Cudweed. C.
POLYMNIA Canadensis, L. Mountain Cup-plant. W.
Uvedalia, L. Indian Cup-plant. A.
ACANTHOSPERMUM xanthioides D. C. A.
CHRYSOGONUM Virginianum, L. Chrysogonum. A.
SILPHIUM compositum, Michx. Rosin-weed. C.
trifoliatum, L. Whorled Rosin weed. A.
Astericus, L. Starry Rosin weed. E.
Astericus dentatum. Rosin weed. E
perfoliatum, L. Indian-cup. A.
BERLANDIERA tomentosa, Nutt. Berlandiera. E.
PARTHENIUM integrifolium, L. Cutting Almond. A.
auriculatum, Britton. Auricled Cutting Almond. W.
ECLIPTA alba, Hassk. Eclipta. E. and C.
BORRICHIA frutescens, D. C. Sea Ox-eye. E.
ZINNIA pauciflora, L. Zinnia. E.
HELIOPSIS laevis, Pers. False Sun-flower. C.
gracilis, Nutt. Slender False Sun flower. C.
TETRAGONOTHECA helianthoides, L. Tetragonotheca. A.
SPILANTHES repens, Michx. Spilanthes. C.
ECHINACEA purpurea, Moench. Purple Cone-flower. C.
RUDBECKIA triloba. L. Thin-leaved Cone-flower. E. and C.
hirta, L. Black Eyed Susan. A.
Brittonii, Small. Britton's Cone-flower. W.
fulgida, Ait. Orange Cone-flower. W.
spathulata, Michx. Flat-headed Cone-flower. C.
laciniata, L. Thimble-weed. A.
laciniata humilis, Gray. Thimble-weed. A.
speciosa, Neud. Cone-flower. C.
rupestris, Gray. Cone flower. W.
pinnatiloba, T. & G. Cone flower. W.
LEPACHYS pinnata, T. & G. Gray-headed Cone flower. A.
HELIANTHUS angustifolius, L. Swamp Sun-flower. E.
annuus, L. Common Sun-flower. A.
atrorubens, L Purple-dish Sun flower. A.
laevigatus, T. & G. Smooth Sun-flower. W.
parviflorus, Bernh. Small Wood Sun flower. C. and W.
giganteus, L. Giant Sun-flower. W.
divaricatus, L. Cough Sun-flower. W.
strumosus, L. Pale Wood Sun-flower. W.
hirsutus, Raf. Stiff-haired Sun-flower. W.
glaucus, Small. Glaucous Sun-flower. C.
tomentosus, Michx. Woolly Sun-flower. A.
tuberosus, L. Jerusalem Artichoke. A.
heterophyllus, Nutt. Sun-flower. E.
occidentalis (Ridd.) Dowellianus, T. & G. Sun-flower. W.

HELIANTHUS decapetalus, L. Sun-flower. W.
[illegible] Schweinitzii, T. & G. Sun-flower. W.
VERBESINA Virginica, L. Virginia Crownbeard. A.
[illegible] occidentalis, Walt. Small Yellow Crownbeard. A.
ACTINOMERIS squarrosa, Nutt. Actinomeris. A.
COREOPSIS discoidea, T. & G. Swamp Tickseed.
rosea, Nutt. Small Rose Tickseed. E.
senifolia, Michx. Greater Tickseed. A.
senifolia stellata, T. & G. Stellate Tickseed. A.
delphinifolia, Lam. Larkspur Tickseed, C.
longifolia, Small. Tickseed. E. and C.
verticillata, L. Whorled Tickseed. A.
lanceolata, L. Lance-leaved Tickseed. E.
pubescens, Ell. Star Tickseed. C. and W.
crassifolia, Ait. Hairy Tickseed. C.
auriculata, L Running Tickseed. A.
tripteris, L. Tall Tickseed. A.
aurea, Ait. Showy Tickseed. E.
trichosperma, Michx. Smooth Tickseed. E. and C.
latifolia, Michx. Mountain Tickseed. W.
gladiata, Walt. Terete Tickseed. E.
angustifolia, Ait. Branching Tickseed. E.
BIDENS frondosa, L. Beggar's-ticks. A.
cernua, L. Smaller Beggar's-ticks. A.
chrysanthemoides, Michx. Brook Beggar's-ticks. A.
bipinnata, L. Spanish-needle Beggar's-ticks. A.
connata, Muhl. Purple-stemmed Beggar's tick. A.
discordea, T. & G. Swamp Beggar's-ticks. E. and C.
BALDWINIA uniflora, Ell. Baldwinia. E
GALINSOGA parviflora, Cav. Galinsoga. A.
parviflora hispida, D. C. Galinsoga. A.
MARSHALLIA latifolia, Pursh. Marshallia. A.
lanceolata, Pursh. Lance-leaved Marshallia. A.
lanceolata platyphylla, Curtis. Marshallia. A.
lacinarioides, Small. Marshallia. E.
angustifolia, Pursh. Marshallia. E.
HELENIUM autumnale, L. Sneezeweed. A.
nudiflorum, Nutt. Purple-head Sneezeweed. A.
tenuifolium, Nutt. Fine-leaved Sneezeweed. A.
quadridentatum, Labill. Sneezeweed. W.
vernale, Walt. Sneezeweed. E
Curtissii, Gray. Curtis' Sneezeweed. E. and C.
ACHILLEA millefolium, L. Yarrow. A.
ANTHEMIS Cotula, L. May-weed. A.
arvensis, L. Field Camomile. E. and C.
nobilis, L. Garden Camomile. E. and C.
tinctoria, L. Ox-eye Camomile. E. and C.
CHRYSANTHEMUM Leucanthemum, L. Ox-eye Daisy. A.
Parthenium, Pers. Feverfew. C.

TANACETUM vulgare, L. Tausy. A.
vulgare crispum, D. C. Tausy. A.
ARTEMISIA caudata, Mich. Wild Wormwood. E.
Abrotanum, L. Southernwood. C.
vulgaris, L. Mugwort. C.
ARNICA nudicaulis, Nutt. Leopard's-bane. E. and C.
ERECHTITES hieracifolia, Raf. Fire-weed. A.
CACALIA reniformis, Muhl. Indian Plantain. W.
atriplicifolia, L. Pale Indian Plantain. A.
suaveolens, L. Wild Caraway. A.
SENECIO tomentosus, Michx. Wooly Ragweed. A.
obovatus, Muhl. Round-leaf Ragweed. E. and C.
Balsamitae, Muhl. Balsam Ragweed. W.
Smallii, Britton. Small's Ragweed. W.
Robbinsii, Oakes. Robbins' Ragweed. W.
aureus, L. Life-root. A.
gracilis, Pursh. Slender Life-root. E.
lobatus, Pers. Butter-weed. A.
vulgaris, L. Groundsel. C.
viscosus, L. Fetid Groundsel. E.
Millefolium, T. & G. Mountain Groundsel. W.
ARCTIUM Lappa, L. Burdock. A.
minus, Schk. Common Burdock. W.
CARDUUS lanceolatus, L. Spear Thistle. A.
altissimus, L. Roadside Thistle. A.
discolor, Nutt. Field Thistle. A.
Virginianus, L. Virginia Thistle. A.
horridulus, Pursh. Yellow Thistle. E.
muticus, Pers. Swamp Thistle. E.
arvensis, Robs. Canada Thistle. E. and C.
repandus, Ell. Pine-barren Thistle. E.
CENTAUREA Cyanus, L. Corn-flower. A.
Calcitrapa, L. Star Thistle. E.
CNICUS benedictus, L. Blessed Thistle. E.
CHAPTALIA tomentosa, Vent. Chaptalia. E.

Order 64.

LOBELIACEAE. LOBELIA FAMILY.

LOBELIA cardinalis, L. Cardinal Flower. A.
syphilitica, L. Great Blue Lobelia. C. and W.
puberula, Michx. Downy Lobelia. E. and C.
leptostachys, A. D. C. Spiked Lobelia. W.
amoena, Michx. Southern Lobelia. E. and C.
amoena glandulifera. Gray Lobelia. E. and E.
glandulosa, Walt. Glandular Lobelia. A.
inflata, L. Tobacco Lobelia. C. and W.
spicata, Lam. Pale Spiked Lobelia. C. and W.
Nuttallii, R. & S. Nuttall's Lobelia. E. and C.

LOBELIA paludosa, Nutt. Swamp Lobelia. E.
Canbyi, Gray. Canby's Lobelia. E and C.
Cliffortiana, Gray. Clifford's Lobelia. E.

Order 65.

CAMPANULACEAE. CAMPANULA FAMILY.

CAMPANULA aparinoides, Pursh. Bell flower. W.
divaricata, Michx. Panicled Bell flower. W.
Americana, L. Tall Bell flower. W.
SPECULARIA perfoliata, D. C. Large Venus' Looking-glass. A.
biflora, Gray. Small Venus' Looking-glass. A.

Order 66.

CLETHRACEAE. WHITE ALDER FAMILY.

CLETHRA alnifolia, L. Sweet Pepper bush. C. and W.
acuminata, Michx. Mountain Pepper bush. W.

Order 67.

PYROLACEAE. WINTERGREEN FAMILY.

PYROLA rotundifolia, L. Canker Lettuce. W.
CHIMAPHYLLA maculata, Pursh. Wintergreen. A.
umbellata, Nutt. Fragrant Wintergreen. W.

Order 68.

MONOTROPACEAE. INDIAN PIPE FAMILY.

MONOTROPSIS ordorata, Ell. Sweet Pine-sap. E.
MONOTROPA uniflora, L. Indian Pipe. A.
Hypopitys, L. False Beech-drops. A.

Order 69.

ERICACEAE. HEATH FAMILY.

AZALEA nudiflora, L. Pink Azalea. A.
canescens, Michx. Mountain Azalea. W.
calendulacea, Michx. Flame Azalea. C. and W.
arborescens, Pursh. Fragrant Azalea. C. and W.
viscosa, L. White Azalea. C. and W.
glauca, Michx. Glaucous. White Azalea. W.
nitida, (Pursh) Britton. Shrubby. White Azalea. W.
RHODODENDRON maximum, L. Great Laurel. W.
Catawbiense, Michx. Catawba Laurel. W.
Vaseyi, Gray. Vasey's Laurel. W.
punctatum, Andr. Rose Laurel. W.
MENZEISIA globularis, Salisb. Menzeisia. W.
LEIOPHYLLUM buxifolium, Ell. Sand Myrtle. E. & W.
prostrtum. W.
KALMIA latifolia, L. Mountain Laurel. C. and W.
angustifolia. Sheep Laurel. E. and C.

KALMIA cuneata. Michx. Swamp Laurel. E.
hirsuta, Walt. Hairy Laurel. E.
LEUCOTHOE axillaris, Don. Downy Leucothoe. E.
Catesbaei, Gray. Catesby's Leucothoe. C. and W.
recurva, Gray. Mountain Leucothoe. W.
racemosa, Gray. Swamp Leucothoe. A.
ANDROMEDA floribunda, Pursh. Fetter-bush. W.
nitida, Bartr. Common Fetter-bush. A.
Mariana, L. Stagger bush. E. and C.
ligustrina, Muhl. False Privet. C. and W.
pubescens. Small Privet. W.
speciosa, Michx. Pine-barren Privett. E.
pulverentula, (Michx.) Ashe. E. and C.
CASSANDRA calyculata, Don. Cassaudra. W.
OXYDENDRUM arboreum, D. C. Sour-wood. A.
EPIGAEA repens, L. Trailing Arbutus. A.
GAULTHERIA procumbens, L. Checker-berry. W.

Order 70.

VACCINIACEAE. HUCKLE BERRY FAMILY.

GAYLUSSACIA frondosa, T. and G. Tangle berry. E. and C.
dumosa, T. and G. Bush Tangle-berry. E. and C.
hirtella, Gray. Hairy Bush Tangle-berry. E.
resinosa, T. and G. Black Tangle berry. E. and C.
ursina, Gray. Taller Black Tangle-berry. W.
brachycera, Gray. Glabrous Black Tangle-berry. W.
VACCINIUM virgatum, Ait. Southern Black Huckleberry. A.
tenellum, Ait. Lesser Black Huckleberry. E.
corymbosum. L. High-bush Huckleberry. A.
fuscatum. Gray Huckleberry. E.
pallidum, Ait. Mountain Huckleberry. W.
vacillans, Kalm. Low Blue Huckleberry. W.
stamineum, L. Deerberry. A.
arboreum, Marsh. Farkleberry. E.
crassifolium, Andr. Eastern Black Huckleberry. E.
myrsinites, Michx. Huckleberry. E.
hirsutum, Buckley. Hairy Huckleberry. W.
CHIOGENES hispidula, T. and G. Snowberry. W.
OXYCOCCUS macrocarpus, Pers. American Cranberry. E. and W.
erythrocarpus, Pers. Mountain Cranberry. W.

Order 71.

DIAPENSIACEAE. DIAPENSIA FAMILY.

PYXIDANTHERA barbulata, Michx. Flowering Pyxie. E.
GALAX aphylla, L. Galax. C. and W.
SHORTIA galacifolia, Gray. "Hyams' Sparkling Shortia." W.

Order 72.

STYRACACEAE. STORAX FAMILY.

STYRAX pulverulenta, Michx. Downy Storax. E.
grandiflora, Ait. Large-leaved Storax. A.
Americana, Lam. Smooth Storax. A.
HALESIA diptera, L. Snowdrop Tree. W.
tetraptera, L. Snowdrop Tree. C. and W.

Order 73.

SYMPLOCACEAE. SWEET-LEAF FAMILY.

SYMPLOCUS tinctoria, L'Her. Horse-sugar. C. and W.

Order 74.

EBENACEAE. EBONY FAMILY.

DIOSPYROS Virginiana, L. Persimmon. A.

Order 75.

SAPOTACEAE. SAPODILLA FAMILY.

BUMELIA lycioides, Pers. Buckthorn. C.

Order 76.

PRIMULACEAE. PRIMROSE FAMILY.

HOTTONIA inflata, Ell. Featherfoil. E.
SAMOLUS floribundus, H. B. K. Brookweed. E.
LYSIMACHIA quadrifolia, L. Whorled Loosestrife. C. and W.
stricta, Ait. Bulb-bearing Loosestrife E.
Fraseri, Duby. Fraser's Loosestrife. W.
asperulaefolia, Poir. Loosestrife.
STEIRONEMA ciliatum, Raf. Fringed Loosestrife. A.
tonsum, Bicknell. Southern Loosestrife. W.
radicans, Gray. Trailing Loosestrife. C.
lanceolatum, Gray. Lance-leaved Loosestrife. E. and C.
ANAGALLIS arvensis, L. Red Pimpernel W.
DODECATHEON Meadia, L. American Cowship. E. and C.
CENTUNCULUS minimus, L. Chaff-weed. E.

Order 77.

PLUMBAGINACEAE. LEADWORT FAMILY.

STATICE Caroliniana, Walt Marsh Rosemary. E.
Brasiliensis, Boissier. Rosemary. E.

Order 78.

LENTIBULACEAE. BLADDERWORT FAMILY.

UTRICULARIA cornuto, Michx. Horned Bladderwort. E. and C.
juncea, Vahl. Rush Bladderwort. E. and C.
resupinata, Greene. Reversed Bladderwort. E. and C.

Utricularia subulata, L. Ziz zag Bladderwort. E. and C.
inflata, Walt. Swollen Bladderwort. E. and C.
purpurea, Walt. Purple Bladderwort. E and C.
vulgaris, L. Greater Bladderwort. E. and C.
fibrosa, Walt. Fibrous Bladderwort. E.
gibba, L. Humped Bladderwort. E. and C.
Pinguicula lutea, Walt Butterwort. E.
elatior, Michx. Purple Butterwort. E. and C.

Order 79.

BIGNONIACEAE. BIGNONIA FAMILY.

Bignonia capreolata, L. Cross vine. A.
Tecoma radicans, Juss. Trumpet flower. A.
Catalpa bignonioides, Walt. Catawba Tree. C.
cordifolia, Moench. Catawba Tree. W.

Order 80.

MARTYNICACEAE. UNICORN-PLANT FAMILY.

Martynia Louisiana, Will. Unicorn-Plant. A.

Order 81.

OROBANCHACEAE. BROOM RAPE FAMILY.

Epiphegus Virginiana, Bart. Beech-drops. A.
Conopholis Americana, Wallr. Squaw-root A.
Aphyllon uniflorum, T. & G Cancer-root. A.

Order 82.

SCROPHULARIACEAE. FIGWORT FAMILY.

Verbascum Thapsus, L. Great Mullein. A.
Lychnitis, L. White Mullein. A.
Blattaria, L. Moth Mullein. A.
Linaria Cymbalari, Mill. Coliseum Ivy. E.
spuria, Mill. Round leaved Toad-Flax. E.
Elatina, Mill. Cancerwort Toad-Flax. E.
vulgaris, Mill. Yellow Toad-Flax. A.
Canadensis, Dumont. Blue Toad-Flax. A.
repens, Mill. Pale Blue Toad-Flax. E.
Antirrhinum majus, L. Lion's mouth E.
Scrophularia Marylandica, L. Figwort. C. and W.
leporella, Bicknell. Hare Figwort. W.
Chelone glabra, L. Snake head. A.
obliqua. L. Red Turtle-head. C.
Lyoni, Pursh. Lyon's Turtle head. W.
Penstemon pubescens, Soland. Hairy Beard-tongue. C and W.
canescens, Britton. Gray Beard-tongue. C. and W.
Digitalis, Nutt. Foxglove Beard-tongue. C.
laevigatus, Soland. Smooth Beard-tongue. C. and W.

PAULOWNIA imperialis, Sieb. Paulownia. C. and W.
MIMULUS ringens, L. Monkey-flower. A.
alatus, Soland. Winged Monkey-flower. E. and C.
HERPESTRIS Monniera, H. B. K. Hedge-Hyssop. E.
nigrescens, Benth. Purple Hedge-Hyssop. C.
amplexicaulis, Pursh. Blue Hedge-Hyssop. E.
GRATIOLA Virginiana, L. Clammy Hedge-Hyssop. C. and W.
sphaerocarpa, Ell. Round-fruited Hedge Hyssop. A.
aurea, Muhl. Golden Hedge-Hyssop. E.
viscosa, Schwein. Viscid Hedge-Hyssop. W.
Drummondi, Benth. Drummond's Hedge-Hyssop. W.
officinalis, L. Hedge-Hyssop. C.
pilosa, Michx. Hairy Hedge-Hyssop. E.
ILYSANTHES gratioloides, Benth. False Pimpernel. E.
attenuata (Muhl), Small. False Pimpernel. W.
saxicola, Chapm. False Pimpernel. W.
MICRANTHEMUM Nuttallii, Gray. Nuttall's Micranthemum. E.
orbiculatum, Michx. Micranthemum. E.
VERONICA Anagallis, L Speedwell. C. and W.
Anagallis aquatica, L. Water Speedwell. E.
officinalis, L. Common Speedwell. C. and W.
serpyllifolia, L. Thyme leaved Speedwell. W.
peregrina, L. Purslane Speedwell. W.
arvensis, L. Corn Speedwell. A.
agrestis, L Garden Speedwell. C.
LEPTANDRA Virginica, Nutt. Culver's root. C. and W.
DIGITALIS purpurea. L. Purple Fox-glove. C.
BUCHNERA Americana, L. Blue-hearts. C.
SEYMERIA tenuifolia, Pursh. Mullein Fox-glove. C. and W.
macrophylla, Nutt. Mullein Fox-glove. W.
OTOPHYLLA Michauxii, Benth. Michaux's Fox-glove. E.
DASYTOMA Pedicularia, Benth. Lousewort Fox glove. A.
flava, Wood. Downy Fox-glove. A.
laevigata, Raf. Entire-leaved Fox glove. A.
quercifolia, Benth. Smooth Fox-glove. E. and C.
pectinata, Benth. Villions Fox-glove. E.
GERARDIA linifolia, Nutt. Flax-leaved Gerardia. E.
purpurea, L Large Purple Gerardia. A.
purpurea fasciculata, Chapm. Purple Gerardia. E.
maritima, Raf. Sea-side Gerardia. E
tenuifolia, Vahl. Slender Gerardia. A
tenuifolia filiformis, Chapm. Filiform Gerardia. A.
Skinneriana, Wood. Skinner's Gerardia. E.
auriculata, Michx. Auricled Gerardia. E. and C.
aphylla, Nutt. Pine-barren Gerardia. E.
setacea, Walt. Setaceous, Gerardia. C.
CASTILLIJA coccinea, Spreng. Painted-cup. C. and W.
SCHWALBEA Americana, L. Chaff-seed. E.

PEDICULARIS lanceolata, Michx. Swamp Lousewort. W.
Canadensis, L. Betony Lousewort. A.
MELAMPYRUM lineare, Lam. Cow-wheat. W.
latifolium, Muhl. Cow-wheat. W.

Order 83.

SOLANACEAE. NIGHTSHADE FAMILY.

ATROPA physalodes, L. Apple-of Peru. C. and W.
PHYSALIS pubescens, L. Low Hairy Ground Cherry. A.
Barbadensis, Jacq. Barbadoes Ground Cherry. A.
obscura, Michx. Glabrous Ground Cherry. A.
angulata, L. Cut-leaved Ground Cherry. C.
Philadelphica, Lam. Philadelphia Ground Cherry. C.
lanceolata, Michx. Prairie Ground Cherry. W.
Virginiana, Mill. Virginia Ground Cherry. A.
heterophylla, Nees. Clammy Ground Cherry. C.
heterophylla nyctagina, Rydberg. Clammy Ground Cherry. C.
viscosa, L. Stellate Ground Cherry. E.
SOLANUM nigrum, L. Black Nightshade. A.
Carolinense, L. Horse Nettle. A.
Dulcamara, L. Woody Nightshade. W.
Lycopersicum, L. Love Apple. C.
aculeatissimum, Jacq. Nightshade. C.
LYCIUM vulgare, Dunal. Box-thorn. C.
Carolinianum, Michx. E.
DATURA Stramonium, L. Jamestown-weed. A.
Tatula, L. Purple Jamestown-weed. A.
Metel, L. Entire-leaved Jamestown-weed. E.
NICOTIANA rustica, L. Wild Tobacco. C.

Order 84.

CONVOLVULACEAE. MORNING GLORY FAMILY.

DICHONDRA repens, Forst. Dichondra. E.
BREWERIA humistrata, (Walt) Gray. Breweria. E.
aquatica, (Walt) Gray. Water Breweria. E.
Pickeringii, (Curtis) Gray. Pickering's Breweria. E.
IPOMOEA Quamoclit, L. American Red Bell-flower. E. and C.
coccinea, L. Small Red Morning glory. A.
pandurata, (L.) Meyer Wild Potato Vine. A.
lacunosa, L. Small White Morning-glory. A.
Carolina, (L.) Pursh. Small Pink Morning-glory. E.
purpurea, (L.) Roth. Purple Morning-glory. A.
hederacea, Jacq. Ivey-leaved Morning-glory. A.
sagittata, Cav. Sagitate Morning glory. E.
tamnifolia, Griseb. Bracted Morning glory. E.
CONVOLVULUS sepium, L. Hedge Bindweed. A.
repens, L. Trailing Bindweed. A.

Convolvulus spithamaeus, L. Upright Bindweed. W.
arvensis L. Small Bindweed. A.

Order 85.

CUSCUTACEAE. DODDER FAMILY.

Cuscuta arvensis, Beyrich. Field Dodder. A.
indecora, Choisy. Pretty Dodder. A.
Coryli, Engelm. Hazel Dodder. W.
Gronovii, Willd. Love-vine Dodder. A.
rostrata, Shuttlw. Beaked Dodder. W.
compacta, Juss. Compact Dodder. C.
inflexa, Engelm. Umbel Dodder. E. and C.

Order 86.

POLEMONIACEAE. PHLOX FAMILY.

Phlox paniculata, L. Garden Phlox. A.
maculata, L. Wild Sweet William. C. and W.
ovata, L. Mountain Phlox. W.
glaberrima, L. Smooth Phlox. W.
glaberrima suffruticosa, Gray. Smooth Scabrous Phlox. W.
reptans, Michx. Crawling Phlox. E.
divaricata, L. Wild Blue Phlox. A.
amoena, Sims. Hairy Phlox. C.
pilosa, L. Downy Phlox. C.
subulata, L. Moss Pink Phlox. E.
Drummondii, Hook. Drummond's Phlox. A.
Polemonium reptans, L. Greek Valerian. W.

Order 87.

GENTIANACEAE. GENTIAN FAMILY.

Sabbatia lanceolata, (Walt) T. and G. Lance-leaved Sabbatia. E.
paniculata, (Michx) Pursh. Branching Sabbatia. E.
angustifolia, (Michx) Britton. Narrow-leaved Sabbatia. E.
angularis, (L) Pursh. Square-stemmed Sabbatia. A.
calycina, (Lam) Heller. Coast Sabbatia. E.
stellaris, Pursh. Marsh Sabbatia. E.
Elliottii, Steud. Elliott's Sabbatia. E. and C.
gracilis, Salisb. Slender Marsh Sabbatia. E.
chloroides, Pursh. Large Marsh Sabbatia. E.
Gentiana quinqueflora, Lam. Stiff Gentian. W.
crinita, Froel. Fringed Gentian. W.
ochroleuca, Froel. Striped Gentian. E. and C.
Elliottii, Chapm. Elliott's Gentian. E and C.
Saponaria, L. Soapwort Gentian. A.
Andrewsii, Griseb. Closed Gentian. W.
flavida, Gray. Yellowish Gentian. E.
angustifolia, Michx. One-flowered Gentian. E.

Frasera Carolinensis, Walt. American Columbo. A.
Obolaria Virginica, L. Pennywort. C.
Bartonia Virginica, (L.) B. S. P. Yellow Bartonia. E.
verna, (Michx.) Muhl. White Bartonia. E.

Order 88.

MENYANTHACEAE. BUCKBEAN FAMILY.

Limnanthemum lacunosum (Vent), Griseb. Floating Heart. E.
aquaticum (Walt), Britton. Larger Floating Heart. E.

Order 89.

APOCYNACEAE. DOGBANE FAMILY.

Amsonia Tabernaemontana, Walt. Amsonia. C. and W.
ciliata, Walt. Pale Amsonia. C. and W.
Vinca minor, L. Small Periwinkle. A.
major. Large Periwinkle. A.
Apocynum androsaemifolium, L. Bitter-root. A.
cannabinum, L Indian Hemp. A
cannabinum glaberrimum, D. C. Glabrous Hemp. A.
Echitis difformis, Walt. Echites. C.

Order 90.

ASCLEPIADACEAE. MILKWEED FAMILY.

Asclepias tuberosa, L. Butter-fly Weed. A.
decumbens, L. Decumbent Butter-fly Weed. A.
lanceolata, Walt. Few flowered Milkweed. E.
rubra, L. Red Milkweed. E. and C.
laurifolia, Michx. Red Milkweed. W.
purpurascens, L. Purple Milkweed. W.
incarnata, L. Swamp Milkweed. A.
pulchra, Ehrh. Hairy Milkweed. A.
obtusifolia, Michx. Blunt-leaved Milkweed. A.
exaltata (L.), Muhl. Tall Milkweed. W.
variegata, L. White Milkweed. A.
quadrifolia, Jacq. Four leaved Milkweed. C. and W.
Syriaca, L. Common Milkweed. A.
perennis, Walt. Thin-leaved Milkweed. C.
verticillata, L. Whorled Milkweed. A.
amplexicaulis, Michx. Clasping Milkweed. E.
tomentosa, Ell. Villous Milkweed. E.
Acerates viridiflora (Raf.), Eaton. Green Milkweed. A.
viridiflora Ivesii, Britton. Ives' Milkweed. A.
longifolia, Ell. Florida Milkweed. E. and C.
Podostigma pubescens, Ell. Podostigma. E.
Sentera maritima Decaisne. Sentera. E.

GONOBOLUS macrophyllus, Michx. Large-leaved Negro-vine. C. and W.
suberosus, R. Br. Coast Negro vine. E.
hirsutus, Michx. Hairy Negro-vine. A.
obliquus, R. Br. Large flowered Negro-vine. E. and C.
Carolinensis, R. Br. Carolina Negro-vine. A.

Order 91.

OLEACEAE. OLIVE FAMILY.

SYRINGA vulgaris, L Lilac. C.
OSMANTHUS Americanus, B. & H. Osmanthus. E.
CHIONANTHUS Virginica, L. Fringe Tree. A.
FRAXINUS Americana, L. White Ash. A.
viridis, Michx, Green Ash. E. and C.
pubescens, Lam. Marsh Red Ash. C.
platycarpa, Michx. Water Ash. E.
nigra, Marsh. Black Ash. E.
Biltmoreana, Beadll. Biltmore Ash. W.

Order 92.

HYDROPHYLLACEAE. WATER-LEAF FAMILY.

HYDROPHYLLUM Virginicum, L. Virginia Water-leaf. W.
macrophyllum, Nutt. Large-leaved Water-leaf. W.
Canadense, L. Broad-leaved Water-leaf. W.
appendiculatum, Michx. Appendaged Water-leaf. W.
NEMOPHILA microcalyx, Nutt. Nemophila.
PHACELIA bipinnatifida, Michx. Loose-flowered Phacelia. W.
parviflora, Pursh. Small flowered Phacelia. W.
hirsuta, Nutt. Hairy Phacelia. W.
Purshii, Buckl. Pursh's Phacelia. W.
fimbriata, Michx. Fringed Phacelia. W.
HYDROLEA quadrivalvis, Walt. Hairy Hydrolea. E.

Order 93.

BORAGINACEAE. BORAGE FAMILY.

HELIOTROPIUM Europaeum, L. European Heliotrope. C.
Curassavicum. L. Sea-side Heliotrope. E.
Indicum, F. Indian Heliotrope. E. and C.
anchusaefolium, Poir. Heliotrope. E. and C.
CYNOGLOSSUM officinale, L. Hound's-tongue. W.
Virginicum, L L. Wild Comfrey. W.
LAPPULA Virginiana (L.), Greene. Virginia Stickseed. W.
MERTENSIA Virginica (L.), D. C. Virginia Cowslip. A.
MYOSOTIS laxa, Lehm. Forget-me-not. W.
Virginica (L.), B. S. P. Spring Scorpion-grass. C.
LITHOSPERMUM arvense, L. Corn Gromwell. A.

LITHOSPERMUM latifolium, Michx. American Gromwell. C.
Gmelini (Michx), Hitch. Gmelin's Gromwell. E.
canescens (Michx.), Lehm. Hoary Gromwell. A.
ONOSMODIUM Carolinianum (Lam.), D. C. False Gromwell. C.
Virginianum (L.), D. C. Virginia False Gromwell. C.
SYMPHYTUM officinale, L. Comfrey. C. and W.
BORRAGO officinalis, L. Borage. C.
LYCOPSIS arvensis, L. Small Bugloss. E. and C.
ECHIUM vulgare, L. Viper's Bugloss. C.

Order 94.

ACANTHACEAE. ACANTHUS FAMILY.

RUELLIA biflora, L. Pine-barren Ruellia. E.
strepens, L. Smooth Ruellia. C.
strepens micrantha (Englm.) Britton. Ruellia. C.
strepens cleistantha, Gray. Ruellia. C.
ciliosa Pursh. Hairy Ruellia. A.
ciliosa parviflora (Nees) Britton. Hairy Ruellia. A.
ciliosa ambigua, Gray. Hairy Ruellia. A.
DIANTHERA Americana, L. Water Willow. E.
ovata, Walt. Loose-flowered Water Willow. E. and C.
JUSTICIA brachiata Pursh. Justicia. E. and C.
CALOPHANES oblongifolia, Don. Calophanes. E.

Order 95.

PHRYMACEAE. LOPSEED FAMILY.

PHRYMA Leptostachya, L. Lopseed. C. and W.

Order 96.

VERBENACEAE. VERVAIN FAMILY.

VERBENA officinalis, L. European Vervain. A.
urticifolia, L. Nettle-leaved Vervain. A.
riparia, Raf. River-bank Vervain. W.
hastata, L. Blue Vervain. A.
pinnatifida, Lam. Pinnate Blue Vervain. A.
angustifolia, Michx. Narrow-leaved Vervain. C.
bracteosa, Michx. Large-bracted Vervain. C.
Aubletia, Jacq. Large-flowered Vervain. E.
LIPPIA lanceolata, Michx. Fog-fruit. E.
nodiflora, Michx. Fog-fruit. E.
CALLICARPA Americana, L. French Mulberry. C. and W.

Order 97.

LABIATAE. MINT FAMILY.

TEUCRIUM Canadense, L. Wood Sage. C. and W.
OCIMUM Basilicum, L. Sweet Basil. C.
ISANTHUR coeruleus, Michx. False Pennyroyal. C. and W.

TRICHOSTEMA dichotomum, L. Bastard Pennyroyal. C. and W.
lineare, Nutt. Narrow Bastard Pennyroyal. E.
SCUTELLARIA lateriflora, L. Mad dog Skullcap. C. and W.
serrata, Andr. Showy Skullcap. C. and W.
canescens, Nutt. Downy Skullcap. C. and W.
versicolor, Nutt. Heart-leaved Skullcap. A.
versicolor minor, Chapm. Heart-leaved Skullcap. A.
pilosa, Michx. Hairy Skullcap. W.
integrifolia, L. Hyssop Skullcap. A.
parvula, Michx. Small Skullcap. E.
campestris, Britton. Prairie Skullcap. W.
saxatilis, Riddell. Rock Skullcap. W.
galericulata, L. Marsh Skullcap. W.
nervosa, Pursh. Veined Skullcap. W.
MARRUBIUM vulgare, L. Hoarhound. A.
LOPHANTHUS nepetoides, Benth. Catnip Hyssop. W.
scrophulariaefolius, Benth. Figwort Hyssop. W.
CEDRONELLA cordata, Benth. Cedronella. W.
NEPETA Cataria, L. Catnep. A.
Glechoma, Benth. Ground Ivey. A.
PRUNELLA vulgaris, L. Heal-all. A.
PHYSOSTEGIA Virginiana (L.) Benth. False Dragon-head. W.
Virginiana speciosa, small Dragon-head. C. and W.
denticulata (L.) Britton. Lion's Heart. W.
SYNANDRA hispidula (Michx.) Britton. Synandra. W.
GALEOPSIS Tetrahit, L. Hemp Nettle. A.
LEONURUS Cardiaca, L. Motherwort. A.
LAMIUM amplexicaule, L. Dead Nettle. A.
maculatum, L. Spotted Dead Nettle. C.
album, L. White Dead Nettle. C.
STACHYS hyssopifolia, Michx. Hyssop Hedge Nettle. W.
ambigua (Gray), Britton. Dense-flowered Hedge Nettle. W.
tenuifolia, Willd. Smooth Hedge Nettle. W.
aspera, Michx. Rough Hedge Nettle. W.
cordata, Riddell. Cordate Hedge Nettle. W.
arvensis, L. Corn Woundwort. E.
SALVIA lyrata, L. Lyre-leaved Sage. A.
urticifolia, L. Nettle-leaved Sage. A.
Sclarea, L. Clary Sage. C.
coccinea, L. Scarlet Sage. C.
obovata, Ell. Obovate Sage. A.
officinalis, L. Garden Sage. C.
MONARDA didyma, L. Red Mountain Mint. W.
Clinopodia, L. Basal Balm. W.
fistulosa, L. Wild Bergamot. W.
media, Willd. Purple Bergamot. W.
punctata, L. Horse-mint. C. and W.
BLEPHILIA ciliata (L.), Raf. Downy Blephilia. C. and W.
hirsuta (Pursh.), Torr. Hairy Blephilia. W.

HEDEOMA pulegioides (L.), Pers. Pennyroyal. A.
MELISSA officinalis, L. Lemon Balm. C.
SATUREIA hortensis, L. Savory. C.
CALAMINTHA Clinopodium, Benth. Basil-weed. C.
Nepeta, L. & H. Field Balm. C.
Caroliniana, Sweet. Carolina Balm. C.
HYSSOPUS officinalis, L. Hyssop. C.
ORIGANUM marjoranum, L. Marjoram. C.
PYCNANTHEMUM linifolium, Pursh. Narrow leaved Mountain Mint. C. and W.
lanceolatum, Pursh. Virginia Mountain Mint. C. and W.
clinopodioides, T. & G. Basil Mountain Mint. W.
hyssopifolium, Benth. Hyssop Mountain Mint. C. and W.
aristatum, Michx. Awned Mountain Mint. C. and W.
aristatum hyssopifolium, Gray. C and W.
incanum, Michx. Hoary Mountain Mint. C. and W.
Tullia, Benth. Southern Mountain Mint. C. and W.
Tullia dubium, Gray. Mountain Mint. W.
albescens, T. & G. White-leaved Mountain Mint. C.
muticum, Michx. Short-toothed Mountain Mint. E. and C.
montanum, Michx. Thin-leaved Mountain Mint. W.
leptodon, Benth. Mountain Mint. W.
Beadlei, Small. Beadle's Mountain Mint. W.
Torreyi, Benth. Torrey's Mountain Mint. W.
CUNILLA Mariana, L. Dittany. W.
LYCOPUS Virginicus, L. Bugle-weed. A.
sessilifolius, Gray. Sessile Bugle-weed. E.
rubellus, Moench. Stalked Bugle-weed. E. and C.
Americanus, Muhl. American Bugle-weed. A.
Europaeus, L. European Bugle-weed. E.
MENTHA spicata, L. Spearmint. C. and W.
piperita, L. Peppermint. A.
rotundifolia (L.), Huds. Round-leaved Mint. A.
aquatica, L. Water Mint. E. and C.
arvensis, L. Corn Mint. E. and C.
Canadensis, L. American Wild Mint. C.
COLLINSONIA Canadensis, L. Horse-balm. A.
punctata Gray. Horse balm. E.
scabriuscula, Ait. Horse-balm. C.
anisata, Pursh. Horse-balm. E. and C.
HYPTIS radiata, Willd. Hyptis. E. and C.
MACBRIDEA pulchra, Ell. Macbridea. E.

Order 98.

PLANTAGINACEAE. PLANTAIN FAMILY.

PLANTAGO major, L. Common Plantain. A.
Rugellii, Dec. Rugel's Plantain. A.
lanceolota, L. Snake Plantain. A.
sparsiflora, Michx Southern Plantain. E. and C.
cordata, Lam. Water Plantain. E. and C.
aristata, Michx. Large-bracted Plantain. E. and C.
Virginica, L. Dwarf Plantain. A.
pusilla, Nutt. Slender Plantain. E.
heterophylla, Nutt. Many-seeded Plantain. E. and C.

Order 99.

ARISTOLOCHIACEAE. BITTERWORT FAMILY.

ASARUM Canadense, L. Wild Ginger. W.
reflexum, Bricknell. Wild Ginger. W.
Virginicum, L. Heart-leaf. A.
Virginicum grandiflorum, L. Heart-leaf. W.
macranthum (Shuttle), Small. Large heart-leaf. W.
arifolium, Michx. Halberd-leaf Heart-leaf.
ARISTOLOCHIA Serpentaria, L. Virginia Snakeroot. A.
Sipho, L'Her. Dutchman's Pipe. W.
tomentosa, Sims. Woolly Pipe-vine. W.

Order 100.

PHYTOLACCACEAE. POKEWEED FAMILY.

PHYTOLACCA decandra, L. Pokeweed. A.

Order 101.

AMARANTACEAE. AMARANTH FAMILY.

AMARANTHUS retroflexus, L. Rough Pigweed. A.
hybridus, L. Slender Pigweed. A.
paniculatus, L. Panicled Pigweed. A.
spinosus, L. Spring Pigweed. A.
albus, L. Tumble-weed. A.
lividus, L. Purplish Amaranth. A.
deflexus, L. Low Amaranth. A.
pumilus, Raf. Coast Amaranth. E.
ACNIDA cannabina, L. Salt Water-hemp. E.
resocarpa, Michx. Salt Water-hemp. E.

Order 102.

CHENOPODIACEAE. GOOSEFOOT FAMILY.

CHENOPODIUM album, L. Lamb's Quarters. A.
album viride (L). Moq Green Quarters. A.
glaucum, L. Oak-leaved Goosefoot. A.
Boscianum, Moq. Bosc's Goosefoot. A.

CHENOPODIUM murale, L. Nettle-leaved Goosefoot. A.
ambrosioides, L. Mexican Tea. E. and C.
anthelminticum, L. Wormseed. A.
multifidum, L. Cut-leaved Goosefoot. E
ATRIPLEX hastata, L. Halberd leaved Orache. E.
arenaria, Nutt. Sea-beach Orache. E.
SALICORNIA herbacea, L. Slender Samphire. E.
Bigelovii, Tow. Bigelow's Samphire. E.
ambigua, Michx. Woody Samphire. E.
SUAEDA linearis, Moq. Sea Blite. E.
SALSOLA kali, L. Saltwort. E.

Order 103.

POLYGONACEAE. BUCKWHEAT FAMILY.

RUMEX Acetosella, L. Sheep Sorrel A.
hastatulus, Muhl. Engelmann's Sorrell. E.
salicifolius, Wein. Willow leaved Dock. E.
verticillatus, L. Swamp Dock. E.
crispus, L. Yellow Dock. A.
conglomeratus, Murr. Small Green Dock C.
sanguineus, L. Red-veined Dock. E.
pulcher, L. Fiddle Dock. E
obtusifolius, L. Bitter Dock. A.
persicarioides, L. Golden Dock. E.
FAGOPYRUM esculentum, Moluch. Buckwheat. W.
POLYGONUM emersum (Michx.), Britton Swamp Persicaria. A.
incarnatum, Ell. Pink Persicaria. C.
Pennsylvanicum, L. Pennsylvania Persicaria. C.
Persicaria, L. Lady's Thumb. A.
setaceum, Baldw. Bristly Persicaria. W.
hydropiperoides, Michx. Wild Water Pepper. A.
Hydropiper, L. Smart-weed. A.
punctatum, Ell. Water Smart-weed. C.
punctatum robustior, Small. Water Smart-weed. E.
orientale, L. Prince's Feather. C.
Virginianum, L. Virginia Knot-weed. W.
aviculare, L. Door-weed. A.
maritimum, L. Seaside Knot-weed. E.
tenue, Michx. Slender Knot-weed. W.
Convoloulus, L. Black Bind-weed. A.
cilinode, Michx. Fringed Bind-weed. W.
scandens, L Climbing False Buckwheat. A.
cristatum, E. & G. Crested False Buckwheat. A.
sagittatum, L. Arrow-leaved Tear thumb. C and W.
arifolium, L. Halberd leaved Tear-Thumb. E. and C.
hirsutum, Walt. Hairy Knot-weed. E.
POLYGONELLA parvifolia, Michx. Coast Joint-weed. E.
articulata (L.), Meisn. Joint-weed. E.

Order 104.

LAURACEAE. LAUREL FAMILY.

PERSEA Carolinensis, Nees. Red Bay. E.
pubescens (Parsh), Sarg. Swamp Bay. E.
SASSAFRAS officinale, Nees. Sassafras. A.
LITSEA geniculata, B. & A. Pond Spice. E.
LINDERA Benzoin, Blume. Spice-wood. A.
melissaefolia, Blume. Hairy Spice-wood. A.

Order 105.

THYMELEACEAE. MEZEREUM FAMILY.

DIRCA palustris, L. Leather-wood. E. and C.

Order 106.

SANTALACEAE. SANDALWOOD FAMILY.

COMANDRA umbellata (L.), Bastard Toad flax. A.
DARBYA umbellulata, Gray. Darbya. C.
PYRULARIA oleifera, Gray. Oil Nut. C. and W.
BUCKLEYA distichophylla, Torr. Buckleya. W.

Order 107.

LORANTHACEAE MISTLETOE FAMILY.

PHORADENDRON flavescens, Nutt. Mistletoe. A.

Order 108.

SAURURACEAE. LIZARD'S TAIL FAMILY.

SAURURUS cernuus, L. Lizard's-tail. A.

Order 109.

CERATOPHYLLACEAE. HORNWORT FAMILY.

CERATOPHYLLUM demersum, L. Hornwort. E. and C.

Order 110.

CALLITRICHACEAE. WATER STARWORT FAMILY.

CALLITRICHE palustris, L. Water Fennel. E and C.
heteraphylla, Parsh. Larger Water Fennel. E. and C.

Order 111.

PODOSTEMACEAE. RIVER WEED FAMILY.

PODOSTEMON Ceratophyllum, Michx. River-weed. E and C.

Order 112.

EUPHORBIACEAE. SPURGE FAMILY.

PHYLLANTHUS Carolinensis, Walt. Carolina Phyllanthus. C.
CROTON glandulosus, L. Glandular. Croton. C.
capitatus, Michx. Capitate Croton. W.
monanthogynus, Michx. Single-fruited Croton. C.

CROTONOPSIS linearis, Michx. Crotonopsis. C.
ACALYPHA ostryaefolia, Ridd. Hornbean Mercury. C.
Virginica, L. Virginia Mercury. A.
gracilens, Gray. Slender Mercury. C.
TRAGIA urens, L. Eastera Tragia. W.
macrocarpa, Wild. Twining Tragia. C.
RICINUS communis, L. Castor-oil Plant. A.
JATROPA stimulosa, Michx. Spurge Nettle. A.
STILLINGIA sylvatica, L. Queen's Delight. E. and C.
EUPHORBIA polygonifolia, L. Seaside Spurge. E.
maculata, L Spotted Spurge. A.
hypercifolia, Gray. Large Spotted Spurge. A.
corollata, L Flowering Spurge. A.
corollata angustifolia, Ell. Flowering Spurge. A.
marginata, Pursh. White-margined Spurge. W.
dentata, Michx. Toothed Spurge. C.
Ipecacuanhae, L. Ipecac Spurge. W.
heterophylla, L. Various leaved Spurge. C.
Lathyris, L. Caper Spurge. W.
Darlingtonii, Gray. Darlington's Spurge. W.
obtusata, Pursh. Blunt-leaved Spurge. E.
commutata, Engelm. Tinted Spurge. C.
Cyparissias, L Cypress Spurge. E.

Order 113.

URTICACEAE. NETTLE FAMILY.

URTICA dioica, L. Stinging Nettle. C. and W.
gracilis, Ait Slender Nettle. A.
urens, L. Small Nettle. A.
LAPORTEA Canadensis. Gand. Wood Nettle. A.
PILEA pumila, Raf. Clearweed. A.
BOEHMERIA cylindrica (L.), Willd. False Nettle. A.
PARIETARIA Pennsylvanica, Mull. Pellitory. A.
debilis, Forst. Hairy Pellitory. E.

Order 114.

CANNABINACEAE. HEMP FAMILY.

HUMULUS Lupulus, L. Hop. W.

Order 115.

MORACEAE. MULBERRY FAMILY.

MORUS rubra, L. Red Mulberry. A.
alba, L. White Mulberry. A.
BROUSSONETIA papyrifera, Vent. Paper Mulberry. A.

Order 116.

ULMACEAE. ELM FAMILY.

Ulmus fulva, Michx. Slippery Elm. A.
Americana, L. American Elm. A.
alata, Michx. Whahoo Elm. A.
Planera aquatica (Walt.), Gmel. Water Elm. A.
Celtis occidentalis, L. Hackberry. A.
occidentalis pumila, Pursh. Rough-leaved Hackberry. A.
Missippiensis, Bosc. Southern Hackberry. A.

Order 117.

PLATANACEAE. PLANE-TREE FAMILY.

Plantanus occidentalis, L. Sycamore. A.

Order 118.

JUGLANDACEAE. WALNUT FAMILY.

Juglans nigra, L Black Walnut. A.
cinerea, L. White Walnut. C. and W.
Carya amara, Nutt. Swamp Hickory. C. and W.
aquatica, Nutt. Water Hickory. E. and C.
alba, Nutt. Shell bark Hickory. A.
tomentosa, Nutt. White-heart Hickory C. and W.
microcarpa, Nutt Cmall-fruited Hickory. W.
porcina, Nutt. Pig-nut Hickory. C.
sulcata, Nutt. Shag-bark Hickory. C
Carolinae—septentrionalis, Ashe. Southern Shag-bark Hickory. C.
villosa (Sarg.), Ashe. Scurfy Hickory. C.
villosa pallida, Ashe. Scurfy Hickory. C.
glabra hirsuta, Ashe. Hickory. W.

Order 119.

CUPULIFERAE. OAK FAMILY.

Fagus ferruginea, Ait. American Beech. A.
Castanea vesca, L. American Chestnut. C. and W.
pumila, Mill. Chinquapin. A.
pumila nana, Muhl. Larger Chinquapin. C. and W.
Corylus Americana, Walt. Hazel-nut. C. and W.
rostrata, Ait. Baked Hazel-nut. C and W.
Carpinus Americana, Michx. Hornbeam. A.
Ostrya Virginica, Willd. Iron-wood. A.
Quercus Phellos, L. Willow Oak. A.
laurifolia, Michx. Laurel Oak. E. and C.
imbricaria, Michx. Shingle Oak. W.
cinerea, Michx. High-ground Willow Oak. E.
aquatica, Catesb. Water Oak. A.
nigra, L. Black-Jack Oak. A.

QUERCUS Catesbaei, Michx. Tarkey Oak. E.
coccinea, Waug. Scarlet Oak. A.
velutina, Lam. Black Oak. A.
ruba, L. Red Oak. A.
falcata, Michx. Spanish Oak. A.
falcata pagodaefolia, Ell. Spanish Oak. A.
ilicifolia, Wang. Bear Oak. C. and W.
Rudkini, Britton. Rudkin's Oak. C.
myrtifolia, Willd. Myrtle Oak. E.
stellata, Wang. Post Oak. A.
stellata parviflora, Chap. Post Oak. E.
stellata margaretta, Ashe. Post Oak. E.
alba, L. White Oak. A.
lyrata, Walt. Over-cup Oak. E.
prinos, L. Swamp Chestnut Oak. C.
Michauxii, Nutt. Michaux's Oak. E.
bicolor, Willd. Swamp White Oak. W.
Muhlenbergii, Engelm. Chestnut Oak. C.
prinoides, Willd. Chinquapin Oak. A.
Bladenborensis, Ashe. Bladenboro Oak. E. and C.

Order 120.

MYRICACEAE. WAX-MYRTLE FAMILY.

MYRICA cerifera, L. Wax-Myrtle. E.
cerifera pumila, Michx. Wax-Myrtle. E.
Carolinensis, Mill. Bay-berry. E.
COMPTONIA asplenifolia, Gaert. Swelt Fern. C. and W.

Order 121.

BETULACEAE. BIRCH FAMILY.

BETULA nigra, L. River Birch. A.
lenta, L. Sweet Birch. W.
lutea, Michx. f. Yellow Birch. W.
ALNUS viridis, D. C. Mountain Alder. W.
serrulata, Willd. Red Alder. A.

Order 122.

SALICACEAE. WILLOW FAMILY.

SALIX nigra, Marsh. Black Willow. A.
nigra falcata, Parsh. Narrow-leaved Willow. A.
Babylonica, L. Weeping Willow. C.
purpurea, L. Purble Willow. E.
humilis, Marsh. Prairie Willow. A.
tristis, Ait. Sage Willow. A.
discolor, Muhl Hairy Willow. E.
POPULUS albus, L. White Poplar. A.
balsamifera, L. Balsam Poplar. C. and W.

POPULUS balsamifera candidans (Ait.), Gray. Balm of Gilead. C. and W.
heterophylla, L. Downy Poplar. E. and C.
grandidentata, Michx. Large-toothed Aspen. W.
angulatus, Ait. Cottonwood. E. and C.
monilifera, Ait. E. and C.

Order 123.

PINACEAE. PINE FAMILY.

PINUS pungens, Michx. Table-Mountain Pine. C.
inops, Ait. Jersey or Scrub Pine. A.
mitis, Michx. Short-leaved Pine. A.
rigida, Miller. Pitch Pine. E. and C.
Taeda, L. Loblolly Pine. E. and C.
australis, Michx. Long leaved Pine. E.
Strobus, L White Pine. W.
Cubensis, Griseb. Pine. E.
ABIES Fraseri, Pursh. Fraser's Balsam Fir. W.
TSUGA Canadensis (L.), Carr. Hemlock. W.
Caroliniana, Engelm. Carolina Hemlock. W.
PICEA nigra, Link. Black Spruce. W.
alba, Link. White Spruce. W.
JUNIPERUS Virginiana, L. Red Cedar. A.
communis, L. Common Juniper. E
TAXODUM distichum, Rich. Bald Cypress. E.
THUJA occidentalis, L, Arbor Vitae. W.
CHAMAECYPARIS thyoides (L), B. S. P. White Cedar. E.
TAXUS minor (Michx.), Britton. American Yew. W.

Class II—Endogenous Plants.

Order 124.

PALMAE. PALM FAMILY.

SABAL Palmetto, R. & S. Cabbage Palmetto. E.
Adansonii, Guerns. Dwarf Palmetto. E.

Order 125.

ARACEAE. ARUM FAMILY.

ARISAEMA triphyllum (L.), Torr. Indian Turnip. A.
Dracontium (L.), Schoot. Green Dragon. A.
polymorphum, Small. Dragon. W.
PELTANDRA undulata, Raf. Green Arrow-arum. A.
alba, Raf. White Arrow-arum. E.

Order 126.

LEMNACEAE. DUCKWEED FAMILY.

LEMNA polyrhiza, L. Greater Duckweed. E
trisulca, L. Star Duckweed. W.
Valdiviana, Phil. Valdivia Duckweed. E.
minor, L. Lesser Duckweed. E.
WOLFFIA Columbiana, Karst. Walffia. E.

Order 127.

TYPHACEAE. CAT TAIL FAMILY.

TYPHA latifolia, L. Broad-leaved Cat tail. A.
angustifolia, L. Narrow-leaved Cat-tail. E.
SPARGANIUM eurycarpum, Engelm. Bur-reed. C.
androcladum, Engelm. Branching Bur-reed. E. and C.

Order 128.

NAIADACEAE. PONDWEED FAMILY.

POTAMOGETON natans, L. Floating Pondweed. E. and C.
pulcher, Tuck. Spotted Pondweed. A.
Nutallii, C. & S. Nuttall's Pondweeds. E.
lonchites, Tuck. Long-leaved Pondweed. E.
lucens, L Shining Pondweed. E.
pusillus, L Small Pondweed. E. and C.
hybridus, Michx. Rafinesque Pondweed. E.
pectinuatus, L. Fennil-leaved Pondweed. E. and C.
Pennsylvanicus, Cham. Pennsylvania Pondweed. E. and C.
RUPPIA maritima, L Ruppia. E.
ZAUNICHELLIA palustris, L. Zaunichellia. E.
NAIAS marina L. Large Naias. E
flexilis, Rost. Slender Naias. E.
ZOSTERA marina, L. Eel-grass. E.

Order 129.

ALISMACEAE. WATER-PLANTAIN FAMILY.

TRIGLOCHIN triandra, Michx. Three-ribbed Arrow-grass. E.
ALISMA plantago, L. Water Plantain. A.
tenellum, Mart. Dwarf Water Plantain. C.
ECHINODORUS radicans, Engelm. Creeping Bur-head. A.
rostratus, Engelm. Upright Bur-head. A.
SAGITTARIA calcina, Engelm. Arrow head. C.
latifolia, Willd. Broad-leaved Arrow-head. A.
latifolia pubescens, Muhl. Hairy Arrow-head. A.
lancifolia, L. Lance-leaved Arrow head. E.
teres, S. Wats. Slender Arrow-head. E.
graminae, Michx Grass Leaved Arrow-head. E
subulata, L. Subulate Arrow head. E.

Order 130.

VALLISNERIACEAE. TAPE-GRASS FAMILY.

ELODEA Canadensis, Michx. Water Thyme. W.
VALLISNERIA spiralis, L Tape-Grass. E.
LIMNOBIUM Spongia, Richard. Frog's-bit. E.

Order 131.

BURMANNIACEAE. BURMANNIA FAMILY

BURMANNIA biflora, L. Northern Burmannia. E.
capitata, Chapm. Southern Burmannia. E.

Order 132.

ORCHIDACEAE. ORCHID FAMILY.

CYPRIPEDIUM acaule, Ait. Stemless Ladies Slipper. C. and W.
pubescens, Willd. Yellow Ladies Slipper. C. and W.
parviflorum, Salisb. Small Yellow Ladies Slipper. C. and W.
spectable, Salisb. Showy Ladies Slipper. W.
ORCHIS spectabilis, L. Showy Orchis. C. and W.
HABENARIA orbiculata, Torr. Large Round-leaved Orchis. W.
nivola, Spreng. Small White Orchis. E.
integra, Spreng. Small Yellow Orchis. E.
bractiata, R. Br. Long bracted Orchis. W.
clavellata, Spreng. Green Wood Orchis. W.
flava, Gray. Pale Green Orchis. E.
cristata, R. Br. Crested Yellow Orchis. C. and W.
ciliata, R. Br. Yellow Fringed Orchis. E and C.
fimbriata, Gray. Purple Fringed Orchis. E. and C.
psycodes, Gray. Small Purple Fringed Orchis. W.
blephariglottis, Torr. White Fringed Orchis. W.
blephariglottis holopetala, Gray. White Fringed Orchis. W.
peramoena, Gray. Fringeless Purple Orchis. W.
POGONIA ophioglossoides, Ker. Rose Pogonia. A.
trianthoghora, B. S P. Nodding Pogonia. W.
divaricata, R Br. Spreading Pogonia. W.
verticillata, Nutt. Whorled Pogonia. A.
ARETHUSA bulbosa, L. Arethusa. W.
SPIRANTHES cernua, Rich. Nodding Ladies' Tresses. A.
odorata, Lindl. Fragrant Ladies Tresses. C. and W.
praecox, Kuntze. Grass-like Ladies' Tresses. E.
gracilis, Beck. Slender Ladies' Tresses. W.
LISTERA convallarioides, Torr. Twayblade. W.
australis, Lindl. Southern Twayblade E.
GOODYERA repens, R. Br. Netleaf Plantain. W.
pubescens, R. Br. Netleaf Plantain. A.
MICROSTYLIS ophioglossioides, Nuet. Adder's-mouth. E.

LIPARIS liliifolia, Rich. Twayblade. W.
CORALLORHIZA odontorhiza, Nutt. Crawley-root. C. and W.
Wisteriana, Conrad. Coral-root. C.
multiflora, Nutt. Large Coral-root. C. and W.
TIPULARIA discolor, B. S. P. Crane-fly Orchis. C.
CALAPOGON pulchellus, R. Br. Grass-pink. E. and C.
pallidus, Chapm. Grass-pink. E.
parviflorus, Lindl. Grass Pink. E.
BLETIA aphylla, Nutt. Crested Crawley. A.
APLECTRUM hyemale, Nutt. Adam and Eve. A.
PONTHIEVA glandulosa, R. Br. Ponthieva. E.

Order 133.

AMARYLLIDACEAE. AMARYLLIS FAMILY.

AMARYLLIS Atamasco, L. Atamasco Lily. E. and C.
HYMENOCALLIS lacera, Salisb. Spider Lily. E.
AGAVE Virginiana, L. False Aloe. E and C.
HYPOXIS erecta, L. Star-grass. A.
juncea, Smith. Star-grass. E.

Order 134.

HAEMODORACEAE. BLOODWORT FAMILY.

LOPHIOLA aurea, Ker. Laphiola. E.
ALETRIS farinosa, L. White Colic-root. A.
aurea, Walt. Yellow Colic-root. A.
LACHNANTHES tinctoria, Ell. Red-root. E.

Order 135.

BROMELIACEAE. PINE APPLE FAMILY.

TILLANDSIA usneoides, L. Florida Moss. E.

Order 136.

IRIDACEAE. IRIS FAMILY.

IRIS versicolor, L. Blue Flag. A.
Caroliniana, Watson. Carolina Blue Flag. E.
tripetala, Walt. Blue Flag. E.
Virginica, L. Virginia Blue Flag. E. and C.
verna, L. Dwarf Blue Flag. A.
cristata, Ait. Dwarf Iris. W.
Germanica, L. Fleur-de-lis. C.
IXIA Chinensis, L. Blackberry Lily. C. and W.
SISYRINCHIUM anceps, S. Wats. Blue-eyed Grass. E. and C.
Atlanticum, Bicknell. Eastern Blue-eyed Grass. E.
angustifolium, Mill. Pointed Blue-eyed Grass. A.
Carolinianum, Bicknell. Carolina Blue-eyed Grass. W.
rufipes, Bicknell. Blue eyed Grass. E. and C.
scabrellum, Bicknell. Blue-eyed Grass. W.

Order 137.

DIOSCOREACEAE. YAM FAMILY.

Dioscorea villosa, L. Wild Yam. A.

Order 138.

SMILACEAE. SMILAX FAMILY.

Smilax herbacea, L. Carrion-flower. A.
tamnifolia, Michx. Halberd-leaved Smilax. E. and C.
ecirrhata, Wats. Upright Smilax. E. and C.
glauca, Walt. Glaucous Smilax. A.
rotundifolia, L. Horsebriar Smilax. A.
rotundifolia crenulata, Small. Horsebriar Smilax W.
hispida, Muhl. Hispid Smilax. C.
Pseudo China, L. Long-stalked Smilax.
Bona-nox, L. Bristly Smilax W.
laurifolia, L. Laurel-leaved Smilax. E. and C.
Walteri, Pursh. Walter's Smilax. E.
lanceolata, L. Lance leaved Smilax. E. and C.
auriculata, Walt. Fragrant Smilax. E.
pedunculata, Muhl. Smilax. A.
Trillium sessile, L. Wake-robin. C. and W.
grandiflorum. Salisb. Large Wake-robin. W.
erectum, L. Beth-root. A.
cernuum, L. Nodding Beth-root. A.
erythrocarpum, Michx. Painted Beth-root. A.
pusillum, Michx. Pink Beth-root. E.
stylosum, Nutt. Rose Beth root. W.
Medeola Virginiana, L. Indian Cucumber-root. A.

Order 139.

LILIACEAE. LILY FAMILY.

Polygonatum biflorum, Ell. Hairy Solomon's Seal. A.
gigantium, Diet. Smooth Solomon's Seal. A.
Smilacenia racemosa, L. Large Solomon's Seal. A.
bifolia, Ker. Mountain Solomon's Seal. W.
stellata, L. Star-flowered Solomon's Seal. C.
Convallaria majalis, L. Lily of the Valley. W.
Clintonia borealis, Raf. Yellow Clintonia. W.
umbellata, Torr. White Clintonia. C. and W.
Allium tricoccum, Ait. Wild Leek. W
cernuum, Roth. Nodding Wild Onion. W.
vineale, L Wild Garlic. C.
Canadense, L. Meadow Garlic. A.
mutabile, Michx. Wild Onion. A.
striatum, Jacq. Yellow False Garlic. E.
Camassia Fraseri, Torr. Wild Hyacinth. W.
Erythronium Americanum, Smith. Dog's tooth Violet. W.
albidum, Nutt. Dog's-tooth Violet. W.

LILIUM Philadelphicum, L. Philadelphia Lily. W.
Catesbaei, Walt. Southern Red Lily. E.
Canadense, L. Wild Yellow Lily. C. and W.
superbum, L. Turk's Cap Lily. W.
Grayi, S. Wats. Asa Gray's Lily.
Carolinianum, Michx. Carolina Lily. A.
Masseyi, C. W. Hyams. Massey's Lily. W.
YUCCA filamentosa, L Christmas-bells. C and W.
gloriosa, L. Bear-grass. E.
aloifolia, L. Bear-grass. E.
ORNITHOGALUM umbellatum, L. Star of-Bethlehem. A.
MUSCARI botryoides, Mill. Grape Hyacinth. C.
ASPARAGUS officinalis, L. Asparagus. A.
HEMEROCAULIS fulva, L. Day Lily. W.
flava, L. Yellow Day Lilly. C. and W.

Order 140.

MELANTHACEAE. BUNCH FLOWER FAMILY.

TOFIELDIA glutinosa, Pers. Glutinous Tofieldia. W.
pubens, Michx. Viscid Tofieldia. E.
glabra, Nutt. White Tofieldia. E.
XEROPHYLLUM asphodeloides, Nutt. Turkey-beard. W.
setifolium, Small. Turkey-beard. W.
CHAMAELIRIUM luteum, Gray. Star-root. A.
AMIANTHEMUM muscaetoxicum, Gray. Fly-poison. A.
angustifolium, Gray. Fly poison, E.
STENANTHIUM gramineum, Morong. Stenanthium. W.
ZYGADENUS glaberrimus, Michx. Zygadenus. E.
leimanthoides, S. Wats. Pine-barren Zygadenus. W.
MELANTHIUM Virginicum, L. Bunch-flower. E. and C.
latifolium, Desr. Crisped Bunch-flower. C. and W.
parviflorum, S. Wats. Small Bunch-flower. W.
VERATRUM viridi, Ait. White Hellebore. W.
UVULARIA perfoliata, L. Perfoliate Bellwort. A.
sessiilifolia, L. Sessile Bellwort. A.
puberula, Michx. Mountain Bellwort.
STREPTOPUS amplexifolius, D. C. Twisted-stalk. C. and W.
roseus, Michx. Sessile Twisted-stalk. W.
PROSARTES lanuginosa, Don. Hairy Disporum. W.
maculata, Buckley. Mountain Disporum. W.
PLEEA tenuifolia, Michx. Pleea. E.

Order 141.

JUNCACEAE. RUSH FAMILY.

LUZULA campestris, D. C. Common Wood Rush. A.
pilosa, Willd. Hairy Wood Rush. W.
JUNCUS effusus, L. Common Rush. A.
Roemerianus, Scheele. Roemer's Rush. E.

JUNCUS bufonius, L. Toad Rush. A.
Gerardi, Loisel. Black Rush.
tenuis, Willd. Slender Rush. A
secundus, Beauv. Secund Rush. E. and C.
dichotomus, Ell. Forked Rush. E
setaceus, Rostk. Awl-leaved Rush. E.
marginatus, Rostk. Grass-leaved Rush. A.
repens, Michx. Creeping Rush. A.
brachycarpus, Engelm. Short-fruited Rush. C.
polycephalus, Michx. Many-headed Rush. E
scirpoides, Lam. Scirpus like Rush. E. and C.
megacephalus, Curtis Carolina Rush A.
Canadensis, Gay. Canada Rush. A.
Canadensis subcaudatus, Engel. Canada Rush. A.
Canadensis longecaudatus, Engel. Canada Rush. A.
acuminatus, Michx. Sharp-fuited Rush. A.
acuminatus debilis, Engelm. Sharp-fruited Rush. A.
Elliottii, Chapm Elliott's Rush. E
caudatus, Chapm. Rigid Rush. E.
asper, Engelm Rush. C. and W.

Order 142.

PONTEDERIACEAE. PICKEREL-WEED FAMILY.

PONTEDERIA cordata, L. Pickerel-weed. C. and W.
cordata lancifolia. Morong. Narrow Pickerel-weed. C.
HETERANTHERA reniformis, R. & P. Mud Plantain. A.
graminea, Vahl. Water Star-grass. E.

Order 143.

COMMELYNACEAE. SPIDERWORT FAMILY.

COMMELYNA nudiflora, L. Creeping Day flower. E.
Virginica, L. Virginia Day-flower. A.
hirtella, Vahl. Bearded Day flower. E. and C.
erecta, L. Slender Day-flower. E.
TRADESCANTIA Virginica, L. Spiderwort. A.
pilosa, Lehm. Zigzag Spiderwort. A.
rosea, Vent. Roseate Spiderwort. E.

Order 144.

MAYACACEAE. MAYACA FAMILY.

MAYACA Michauxii, S. & E. Mayaca. E.

Order 145.

XYRIDACEAE. YELLOW EYED GRASS FAMILY.

XYRIS flexuosa, Muhl. Slender Yellow-eyed Grass. A.
difformis, Chapm. Southern Yellow-eyed Grass. E.
Caroliniana, Walt Carolina Yellow eyed Grass. E.

Xyris fimbriata, Ell. Fringed Yellow-eyed Grass. E.
torta, Smith. Twisted Yellow-eyed Grass. E. and C.
brevifolia, Michx. Pine-barren Yellow-eyed Grass. E.
ambigua, Beyr. Rigid Yellow-eyed Grass. E.
Baldwiniana, R. & S. Baldwin's Yellow-eyed Grass. E.

Order 146.

ERIOCAULONACEAE. PIPEWORT FAMILY.

Eriocaulon decangulare, L. Ten-angled Ripewort. A.
gnaphalodes, Michx. Flattened Ripewort. A.
Paepalanthus flavidulus, Kunth. Paepalanthus. E
Lachnocaulon Michauxii, Kemth. Hairy Pipewort. E. and C.

Order 147.

CYPERACEAE. SEDGE FAMILY.

Cyperus flavescens, L. Yellow Cyperus. A.
diandrus, Torr. Low Cyperus. A.
rivularis, Kunth. Shining Cyperus. C. and W.
microdontus, Torr. Coast Cyperus. E.
flavicomus, Michx. Elegant Cyperus. E. and C.
inflexus, Muhl. Awned Cyperus. E. and C.
compressus, L. Flat Cyperus A.
calcaratus, Nees. Marsh Cyperus. E.
Haspan, L. Sheated Cyperus. E.
dentatus, Torr. Toothed Cyperus. C.
rotundus, L. Nut grass Cyperus. A.
esculentus, L. Yellow Nut grass Cyperus. A.
esculentus angustispicatus, Britton. Yellow Nut-grass Cyperus. A.
erythrorhizos, Muhl. Red-rooted Cyperus. C.
speciosus, Vahl. Michaux's Cyperus. E
strigosus, L. Straw-colored Cyperus A.
strigosus capitatus, Boeckl. Straw-colored Cyperus. A.
strigosus robustior, Kunth. Straw colored Cyperus. A.
refractus, Engelm. Reflexed Cyperus. W
retrofractus (L.), Torr. Rough Cyperus. A
Lancastriensis, Porter. Lancaster Cyperus. A.
cylindricus, Ell. Pine barren Cyperus. E.
ovularis, Torr. Globose Cyperus. C.
filiculmis, Vahl. Slender Cyperus. C.
Grayi, Torr. Gray's Cyperus. E.
echinatus, Wood. Baldwin's Cyperus. A.
polystachyus, Rotth. E. and C.
stenolepis, Torr. E. and C.
tetragonus, Ell. L.
distans, L. E. and C.
virens, Michx. Cyperus. E.

KYLLINGIA pumila, Michx. Kyllingia. E. and C.
DULICHIUM spathaceum, Rich. Dulichium. E. and C.
HEMICARPA subsquarrosa, Nees. Hemicarpa. E. and C.
LIPOCARPA maculata, Torr. Lipocarpa. E.
FUIRENA squarrosa, Michx. Squarrose Fuirena. E.
hispida, Ell. Hispid Fuirena. E.
ELEOCHARIS equisetoides, Torr. Knotted Spike-rush.
quadrangulata, R. & S. Quadrangular Spike-rush.
ochreata, Steud. Pale Spike rush. E.
olivacea, Torr. Bright-green Spike-rush. E.
capitata, R. Br. Capitate Spike-rush. E. and C.
palustris, R. Br. Creeping Spike-rush. E. and C.
acicularis, R. & S. Needle Spike rush. E. and C.
tortilis, Schultes. Twisted Spike-rush. E.
tuberculosa, R. and S. Tubercled Spike-rush. E.
microcarpa, Torr. Small-fruited Spike-rush. E.
melancarpa, Torr. Black-fruited Spike rush. E.
albida, Torr. White Spike rush. E.
tricostata, Torr. Three-ribbed Spike-rush. E. and C.
tenuis, Schultes. Slender Spike-rush. E.
acuminata, Nees. Flat-stemmed Spike-rush. E.
rostella, Torr. Beaked Spike rush. E. and C.
prolifera, Torr. Spike-rush. C.
pygmaea, Torr. Spike-rush. E.
SCIRPUS caespitosus, L. Tufted Club rush. W.
Clintoni, Gray. Clinton's Club-rush
debilis, Pursh. Weak-stemmed Club-rush. E. and C.
pungens, Vahl. Three-square Club-rush. C.
Olneyi, Gray. Olney's Bulrush. C.
leptolepis, Chapm. Canby's Bulrush. E.
lacustris, L. Great Bulrush. A
sylvaticus, L. Wood Bulrush. A.
atrovirens, Muhl. Dark-green Bulrush. C and W.
polyphyllus, Vahl. Leafy Bulrush. C
ERIOPHORUM Virginicum, L. Virginia Cotton-grass. E.
FIMBRISTYLIS spadicea, Vahl. Stiff Fimbristylis. E.
spadicea puberula, Chapm. Fimbristylis. E.
castanea, Vahl. Marsh Fimbristylis E.
laxa, Vahl. Weak Fimbristylis. A.
Vahlii, Link. Vahl's Fimbristylis. W.
autumnalis, R. & S. Slender Fimbristylis. A.
ISOLEPIS capillaris, R. & S. Isolepis. E.
ciliatifolia, Torr. Isolepis. E.
stenophylla, Torr. Isolepis. E.
RHYNCHOSPORA corniculata, Gray. Horned Rush. E.
corniculata macrostachya (Torr), Britton. E.
pallida, Curtis. Pale Beaked-rush. E.
oligantha, Gray. Few-flowered Beaked-rush. E. and C.

RHYNCHOSPORA alba (L.), Vahl. White Beaked-rush. A.
glomerata (L.), Vahl. Clustered Beak-rush. E. and C.
glomerata paniculata (Gray), Chapm. Clustered Beak-rush. E. and C.
glomerata discutiens, Clarke. Clustered Beaked-rush. E. and C.
cephalantha, Gray. Capitati Beaked-rush. C.
gracilenta, Gray. Slender Beaked-rush. E.
cymosa, Ell. Gress like Beaked-rush. E. and C.
Torreyana, Gray. Torrey's Beaked-rush. E.
inexpansa (Michx.), Vahl. Nodding Beaked-rush. A.
plumosa, Ell. Beaked rush. E.
microcarpa, Baldw. Beaked-rush. C.
miliacea, Gray. Beaked-rush. E. and C.
Grayii, Kunth. Gray's Beaked-rush. E.
megalocarpa, Gray. Beaked-rush. E.
ciliata, Vahl. Beaked-rush. E.
fascicularis, Nutt. Beaked-rush. E.
fuscoides, Bolkl. Beaked-rush. E.
filifolia, Gray. Beaked rush. E.

PSILOCARYA nitens (Vahl.), Wood. Short-beaked Bald-rush. E.

DICHROMENA Leucocephala, Michx. Narrow-leaved Dichromena. E.
latifolia, Baldw. Broad-leaved Dichromena. E.

CLADIUM mariscoides, Torr. Twig-rush. A.
effusum, Torr. Saw-grass. A

SCLERIA oligantha, Michx. Few-flowered Nut-rush. E.
triglomerata, Michx. Tall Nut-rush. E. and C.
verticularis, Michx. Reticulated Nut-rush. E.
verticularis pubescens, Britton. Pubescent Nut-rush. E.
verticularis obscura, Britton. Obscure Nut-rush.
Torreyana, Walp. Torrey's Nut-rush. E.
pauciflora, Muhl. Papillose Nut-rush. E.
verticillata, Muhl. Low Nut-rush. E. and C.
Elliottii, Chapm. Elliott's Nut-rush. E.

CAREX Collinsii, Nutt. Collins' Sedge. E
intumescens, Rudge. Bladder Sedge. E and C.
Asa-Grayi, Bailey. Gray's Sedge. E. and C.
grandis, Bailey Large Sedge. C.
bullata, Schk. Button Sedge. A.
lurida, Vahl. Sallow Sedge. E. and C.
lurida flaccida, Bailey. Sallow Sedge. C.
Frankii, Knutt. Frank's Sedge. E.
squarrosa, L. Squarrose Sedge. E.
typhinoides, Schwein. Cat-tail Sedge. E. and C.
scabrata, Schwein. Rough Sedge. W.
vestita, Willd. Velvet Sedge. C.
Walteriana, Bailey. Walter's Sedge. E.
torta, Boott. Twisted Sedge. C. and W.

CAREX prasina, Wahl. Drooping Sedge. W.
littoralis, Schwein. Barratt's Sedge. E.
gynandra, Schwein. Nodding Sedge. W.
virescehs, Muhl. Downy Green Sedge. C. and W.
Costellata, Britton. Ribbed Sedge. W.
triceps, Michx. Hirsute Sedge. C. and W.
Caroliniana, Schwein. Carolina Sedge. C.
gracillima, Schwein. Graceful Sedge. C.
aestivalis, Curtis. Summer Sedge. W.
tenuis Rudge. Slender-stalked Sedge. W.
oblita, Steud. Dark-green Sedge. C.
grisea, Wahl. Gray Sedge. A.
amphibola, Steud. Narrow-leaved Sedge. C.
flaccosperma, Dewey. Thin-fruited Sedge. W.
polymorpha, Muhl. Variable Sedge. C and W.
tetanica, Schk. Wood's Sedge. E. and C.
Meadii, Dewey. Mead's Sedge. E.
laxiflora, Lam. Loose-flowered Sedge. W.
laxiflora patulifolia, Carey. Sedge. W.
blanda, Dewey. Sedge. W.
styloflexa, Buckley. Bent Sedge. C.
digitalis, Willd. Wood Sedge. C. and W.
ptychocorpa, Steud. Thicket Sedge. C.
pedicellata (Dewey), Britton. Fibrous-rooted Sedge. W.
Pennsylvainca, Lam. Peunsylvania Sedge. W.
nigro—margierata Schwein. Black-edged Sedge. C.
Fraseri, Audr. Fraser's Sedge. W.
leptalea, Wahl. Bristle-stalked Sedge. W.
stipata, Muhl. Awl-fruited Sedge. C. and W.
vulpinoidea, Michx. Fox Sedge. C.
rosea, Schk. Stellati Sedge. C. and W.
rosea radiata, Dewey. Stellati Sedge. C. and W.
cephalaphora, Muhl. Oval-headed Sedge. C
Mitchelliana, Curtis. Mitchell's Sedge. C.
bromoides, Schk. Broom like Sedge. E.
decomposeta, Muhl. Large-panicled Sedge. C.
retroflexa, Muhl. Reflexed Sedge. W.
tribuloides, Wahl. Blunt broom Sedge. W.
tribuloides Bebbii, Bailey. Blunt-broom Sedge. W.
straminea, Wild. Straw Sedge. W.
straminea foenea, Torr. Straw Sedge. W.
straminea mirabilis, Dewey. Straw Sedged. W.
alata, Torr. Broad-winged Sedge. E.
crinita, Lam. Fringed Sedge. A.
gynandra, Schwein. Nodding Sedge. E.
Willdenovii, Schk. Willdenow's Sedge. W.
fusca, All. Brown Sedge. W.
Davisii, S. & Torr. Davis' Sedge. W.

CAREX conoidea, Schk. Field Sedge. W.
oligocarpa, Schk. Few-fruited Sedge. W.
plantaginea, Lam. Plantain-leaved Sedge. W.
folliculata australis, Bailey. Folliced Sedge. E. and C.
oblita, Steud. Dark green Sedge. E.
juncea, Willd. Juncus Sedge. W.
verrucosa, Muhl. Glaucous Sedge. E.
turgescens, Torr. Chamrel leaved Sedge. E.
riparia, Curtis. River-bank Sedge. A.

Order 148.

GRAMINEAE. GRASS FAMILY.

TRIPSACUM dactyloides, L. Gama Grass. A.
ANTHOXANTHUM odoratum, L. Sweet Vernal Grass. C.
ERIANTHUS alopecuroides (L), Ell. Spiral-awned Beard Grass. A.
saccharoides. Michx Plume Grass. E.
compactus, Nash Contracted Plume Grass. E. and C.
brevibarbis, Michx. Short-beared Plume Grass. A.
STIPA avenacea, L. Feather Grass E.
MANISURIS rugosa, Kuntze. Wrinkled Manisuris. E.
granularis, Swartz. Manisuris. C.
ANDROPOGON scoparius, Michx. Broom Beard-grass. A.
argyraeus, Schultes. Silvery Beard-grass. A.
furcatus, Muhl. Forked Beard-grass. C.
Virginicus, L Virginia Beard-grass. C.
glomeratus (Walt.), B. S. P. Bushy Beard-grass. E.
Elliattii, Chapm. Elliott's Beard-grass. C.
CHRYSOPOGON avenaceus (Michx.), Benth. Indian Grass. A.
SORGHUM Halopense (L.), Pers. Johnson-grass. A.
NAZIA raceniosa (L.), Kuntze. Prickle grass. E.
PASPALUM mucronatum Muhl. Water Paspalum. E. and C.
racemulosum, Nutt. C.
membranaceum, Walt. Walter's Paspalum. E.
purpurascens, Ell. C.
distichum, L. Joint grass. A.
dilatatum, Poir. Tall Paspalum. A.
setaceum, Michx. Slender Paspalum. A.
ciliatifolium, Michx. Ciliate leaved Paspalnm. C.
ciliatifolium dasyphyllum, Ell. Paspalum. C.
longipedunculatum, LeConte. Long-stalked Paspalum. E. and C.
laeve, Mich. Field Paspalum. A.
Floridanum, Michx. Florida Paspalum. A.
praecox, Walt. E.
compressum (Sw.), Nees. Flat Paspalum. A.
difforme, LeConte. E.
paspaloides (Michx.), Scrib. Crab-grass Paspalum. A.
furcatum, Flugge. Paspalum. E.

MILIUM amphicarpon, Pursh. Amphicarpon. E.

PANICUM consanguineum, Kath. C.
Addisonii, Nash. E.
Ashei, Pearson. Ashe's Amphicarpon. E
Scribnerianum, Nash. Scribner's Amphicarpon. E. and C.
scoparium, Lam. C.
scabriusculum, Ell. E.
Joori, Vasey. Joor's Amphicarpon. C.
macrocarpon, LeConte. Amphicarpon. W.
gibbum, Ell. Gibbons Amphicarpon. E. and C.
verrucosum, Muhl. Warty Amphicarpon. E.
capillare, L. Witch-grass Amphicarpon. A.
proliferum, Lam. Spreading Amphicarpon. E. and C.
miliaceum, L. Millet. C.
amarum, Ell. Sea-beach Amphicarpon. E.
Crus-galli, L. Barnyard Grass A.
Walteri, Pursh Salt-marsh Cockspur. E.
digitarioides, Carpenter. Narrow Panicum. E. and C.
hians, Ell. Gaping Panicum. A.
anceps, Michx. Beaked Panicum E. and C.
agrostidiforme, Lam. Agrostis-like Panicum. E.
elongatum, Pursh. Long Panicum. A.
sphaerocarpon, Ell. Round fruited Panicum. A.
microcarpon, Muhl. Small fruited Panicum. A.
Porterianum, Nash. Porter's Panicum. C.
commutatum, Schultes. Variable Panicum. A.
clandestinum, L. Hispid Panicum. E. and C.
laxiflorum, Lam. Lax-flowered Panicum. C.
depauperatum, Muhl. Starved Panicum. C.
angustifolium, Ell. Narrow-leaved Panicum. A.
neuranthum, Griseb. E.
nemopanthum, Ashe. E. and C.
dichotomum, L. A.
dichotomum elatum, Vasey. C.
maculatum, Ashe. C.
Roanakense, Ashe E. and C.
demissum, Trin. E. and C
Mattamuskeetense. Ashe. E.
erisifolium, Bald. C.
Wrightianum, Scrib. E
sphagnicolum, Nash. C. and W.
lucidum, Ashe. E.
Cuthbertii, Ashe. C.
parvispiculatum, Nash. E.
leucothrix, Nash E
huachucae, Ashe. C.
viscidum, Ell. E. and C.

PANICUM ciliferum, Nash. E.
Atlanticum, Nash. E.
haemacorpon, Ashe. C.
arenicolum, Ashe. C.
annulum, Ashe. C.
meridionale, Ashe. C. and W.
filiculme, Ashe. C.
microphyllum, Ashe. C.
glabrissinum, Ashe. E.
Nashianum, Scrib. E.
scrotinum, Trin. C.
laniginosum, Ell. E.
Columbianum, Scrib. C.
SETARIA glauca, Beauv. Yellow Fox-tail Grass. A.
viridis, Beauv. Green Fox-tail Grass. A.
Italica, R & S. Hungarian Fox-tail Grass. C.
verticillata, Beauv. Fox-tail Grass. A.
CENCHRUS tribuloides, L. Hedge-hog Grass. E.
incertus, Curtis. Hedge-hog Grass. E
ZIZANIA acquatica, L. Wild Rice. E.
miliacea, Michx. Wild Rice. E.
LEERSIA Virginica, Willd White Grass. E.
oryzoides, Sw. Rice-cut Grass. E.
lenticularis, Michx. Catch-fly Grass. E
HYDROCLOA Carolinensis, Beav. E.
PHLEUM pratense, L. Timothy. A.
CINNA arundinacea, L. Wood Reed. A.
latifolia, Griseb. Slender Wood Reed. A.
HOLCUS lanatus, L. Velvet or Meadow Grass. A.
DACTYLIS glomerata, L. Orchard Grass. A.
POA annua, L. Annual Meadow Grass. A.
compressa, L. Flat-stemmed Meadow Grass. A.
pratensis, L. Kentucky Blue Grass. A.
trivialis, L. Roughish Meadow Grass. A.
flexuosa, Muhl. Flexuous Spear Grass. C.
sylvestris, Gray. Sylvan Spear Grass. C. and W.
alsodes, Grav. Grove Spear Grass. C. and W.
brevifolia, Muhl. Short-leaved Spear Grass C. and W.
GLYCERA elongata, Trin. Long Mauna Grass. C. and W.
nervata, Trin. Nerved Mauna Grass. C. and W.
pallida, Trin. Pale Mauna Grass. E. and C.
FESTUCA Myurus, L. Rat's tail Fescue Grass. A.
elatior, L. Meadow Fescue Grass. A.
nutans, Willd. Nodding Fescue Grass. C. and W.
BROMUS ciliatus, L. Fringed Brome-grass. A.
hordeaceus, L. Soft Brome-grass. C.
secalinus, L. Cheat Brome-grass. A.
racemosus, L. Upright Brome-grass. C.

LOLIUM temulentum, L. Darnell Grass. C.
HORDEUM pratense, Huds. Meadow Barley. A.
ANTHAENANTIA villosa, Benth. Anthaenantia. E
rufa, Benth. Purple Anthaenantia. E.
PHALARIS intermedia. Bosc. Canary Grass. E.
HIEROCHLOE borealis, R. & S. Seneca Grass. C.
ALOPECURUS geniculatus, L. Marsh Fox-tail. A.
pratensis, L Meadow Fox-tail. A.
SPOROBOLUS asper, Kunth Rough Rush-grass. A.
vaginaeflorus, Wood. Sheathed Rush grass. A.
vaginaeflorus minor, Vasey Sheathed Rush-grass W.
Virginicus, Kunth Seashore Rush-grass. E
Indicus, Brown. Smut Rush grass A.
Junceus, Kunth. Wire-grass. E. and C.
cryptandrus, Gray. Wire-grass. E.
AGROSTIS alba, L. Herd's grass. A.
rubra, L. Red Bent grass. W.
perennans, Tuck. Thin Grass W.
scabra, Willd. Rough-Hair Grass. A.
elata, Trin. Tall-Bent Grass. E.
Novae–Angliae, Tuck. New England Bent-grass. W.
canina, L. Mountain Bent-grass. W.
POLYPOGON maritimus, Willd. Beard Grass. E.
CALAMAGROSTIS Canadensis, Beauv. Blue joint Grass. W.
Nuttalliana, Steud. Nuttall's Reed Grass. A.
arenaria, Roth. Sand-reed Grass. E.
ARISTIDA dichotoma, Michx. Poverty Grass A.
gracilis, Ell. Slender Poverty Grass. A.
purpurascens, Poir. Purplish Poverty Grass. A.
lanata, Poir. Woolly Poverty Grass. A.
virgata, Trin. Virgate Poverty Grass. E.
stricta, Michx. Erect Poverty Grass. E. and C.
MUHLENBERGIA sobolifera, Trin. Rock Muhlenbergia C.
Mexicana, Trin. Meadow Muhlenbergia. A.
glomerata, Trin. Marsh Muhlenbergia. C.
sylvatica, T. & G. Wood Muhlenbergia. W.
diffusa, Schreb Drop-seed Muhlenbergia. A.
capillaris, Kunth. Long-awned Muhlenbergia. E.
BRACHYELYTRUM erectum, B-auv. Brachyelytrum. W.
AIRA caryophyllea, L. Silvery Hair-grass. C.
DESCHAMPSIA flexuosa, Trin. Navy Hair-grass. W.
TRISETUM subspicatum, Beauv. Narrow False Oat. W.
palustris, Michx. Marsh False Oat. A.
DANTHONIA spicata, Beauv. Common Wild Oat-grass. A.
sevicea, Nutt. Silky Wild Oat-grass. A.
compressa, Austin. Flattened Wild Oat-grass. W.
glabra, Nash. Smooth Wild Oat-grass. E.
ARRHENATHERUM elatius, Beauv. Oat-grass. A.

SPARTINA polystacha, Ell. Salt Reed grass. E.
juncea, Willd. Salt-meadow Grass. E.
stricta, Roth. Smooth Marsh Grass. E.
stricta glabra, Muhl. Smooth Marsh Grass. E.
stricta alternifolia, Lois. Smooth Marsh Grass. E.
GYMNOPOGON racemosus, Beauv. Gymnopogon. E.
brevifolius, Trin. Gymnopogon. E.
CHLORIS petraea, Swartz. Chloris. E.
CYNODON Dactylon, Pers. Bermuda Grass. A
CTENIUM Americanum, Spreng. Toothache Grass. E
ELEUSINE Ægyptiaca, Pers. Crowfoot Grass. A.
Indica, Gaert. Crab Grass. A.
LEPTOCLOA mucronata, Kunth. Leptocloa. A.
DIPLACHNE fascicularis, Beauv. Diplachne. E.
rigida, Munro. Diplachne. E.
TRIODIA cuprea, Jacq. Tall Red-top. A.
TRIPLASIS Americana, Beauv. Triplasis. E.
purpurea, Chapm. Triplasis. E.
MELICA mutica, Walt. Mellic Grass. E.
diffusa, Pursh. Mellic Grass. E.
EATONIA Dudleyi, Vasey. Dudley's Eatonia. W.
obtusata, Gray. Blunt Eatonia. E and C.
Pennsylvanica, Gray. Pennsylvania Eatonia. C.
ERAGROSTIS reptans, Nees. Creeping Eragrostis A.
megastachya, Link. Eragrostis. A.
ciliaris, Link. Eragrostis. A.
Purshii, Schrad. Pursh's Eragrostis. A.
pilosa, Beauv. Tufted Eragrostis. C.
tenuis, Ell. Hairy Eragrostis. E and C.
capillaris, Nees. Capillary Eragrostis. A.
pectinacea, Gray. Purple Eragrostis. C.
campestris, Trin. Meadow Eragrostis.
UNIOLA gracilis, Michx. Slender Spike grass. A.
latifolia, Michx. Broad Spike-grass. E and C.
paniculata, L. Sea Oats. E
spicata, L. Marsh Sea Oats E.
PHRAGMITES communis, Trin. Reed. E.
AGROPYRUM repens, Beauv. Conch-grass. A.
Caninum, R. & S. Conch grass. A.
ELYMUS robustus, Scrib Stout Rye Grass. E, and C.
Virginicus, L. Virginia Rye Grass. A.
striatus, Willd. Nodding Rye Grass. C.
ASPRELLA Hystix, Willd. Bottle-brush. C.
ARUNDINARIA macrosperma, Michx. Cane. A.
tecta, Muhl. Reed. A.

Class III—Acrogens.

Cryptogamons or Flowerless Plants.

Order 149.

EQUISETACEAE. HORSE-TAIL FAMILY.

Equisetum laevigatum, Braun. Smooth Scouring-rush. A.
hyemale, L. Common Scouring-rush. W.
sylvaticum, L. Wood Horse-tail. E.
arvense, L. Field Horse-tail. C.

Order 150.

OPHIOGLOSSACEAE. ADDER'S TONGUE FAMILY.

Botrychium ternatum (Thimb.), Sw. Ternate Grape fern. E. and C.
dissectum. Grape-fern. E. and C.
Virginianum (L.), Sw. Virginia Grape-fern. A.

Order 151.

POLYPODIACEAE. FERN FAMILY.

Polypodium vulgare, L. Common Polypody. C. and W.
vulgare cristatum. Common Polypody. W.
valgare Cambricum. Common Polypody. W.
incanum, Sw. Tree Polypody. E. and C.
Pteris aquilina, L. Rock Brake. A.
aquilina caudata (L.), Hook. Rock Brake. E.
tremuloides. C.
Pellaea atropurpuria, Link. Cliff-brake. W.
Cheilanthes Alabamensis, Kuntze. Alabama Lip-fern. W.
lanosa, Walt. Hairy Lip-fern. W.
tomentosa, Link. Woolly Lip-fern. W.
Adiatum Capillus-Veneris, L. Venus-hair Fern. E.
pedatum, L. Maiden-hair Fern. A.
Woodwardia Virginica, Smith. Virginia Chain Fern. A.
angustifolia, Smith. Net veined Chain Fern. E. and C.
Camptosorus rhizophyllus, Link. Walking-fern. W.
Asplenium pinnatifidum, Nutt. Pinnatifid Spleenwort. W.
ebenoides, Scott. Scott's Spleenwort. W.
parvulum, M. & G. Small Spleenwort. W.
platyneuron, Oakes. Ebony. C. and W.
Trichomanes, L. Maiden-hair Spleenwort. W.
angustifolum, Michx. Narrow-leaved Spleenwort. W.
Ruta-muraria, L. Wall Rue Spleenwort. W.
montanum, Willd. Mountain Spleenwort. W.
Bradleyi, Eaton. Bradley's Spleenwort. W.
thelypteroides, Michx. Silvery Spleenwort. A.

ASPLENIUM Filix-foemina, Beruh. Lady-fern. A.
dentatum, L. Spleenwort. W.
CYSTOPTERIS bulbifera, Beruh. Bulbons Brittle Fern. W.
fragilis, Beruh. Brittle Fern. W.
ASPIDIUM acrostichoides, Sw. Christmas Fern. A.
acrostichoides Schweinitzii. Christmas Ferm. A.
Noveboracense, Sw. New York Fern. W.
Thelipteris, Sw. Shield Fern. A.
Goldieanum, Hook. Goldie's Fern. C. and W.
marginale, Sw. Wood Fern. C. and W.
spinulosum, Sw. Spinulose Shield Fern. W.
spinulosum intermedium, Eaton. Spinulose Shield Fern. W.
spinulosum dilatatum, Hook. Spinulose Shield Fern. W.
PHEGOPTERIS polypodioides, Fee. Long Beech Fern. W.
hexagonoptera. Fee Broad Beech Fern. A.
Drypopteris, Fee Oak Fern. E. and C.
DICKSONIA punctilobula (Michx.), Grav. Hay-scented Fern. W.
LYGODIUM palmatum, Sw. Climbing Fern. A.
ONOCLEA sensibilis, L. Sensitive Fern. A.
WOODSIA Ilvensis, R. Br. Rusty Woodsia. W.
obtusa, Torr. Blunt-lobed Woodsia. W.
OSMUNDA cinnamomea, L. Cinnamon Fern. A.
regalis, L. Royal Fern. A.
Claytoniana, L. Clayton's Fern. A.

Order 152.

LYCOPODIACEAE. CLUB-MOSS FAMILY.

LYCOPODIUM lucidulum, Michx. Shining Club moss. W.
Selago, L. Fir Club-moss. W.
clavatum, L. Running Club-moss. W.
dendroideum, Michx. Ground Pine Club moss. W.
Carolinianum, L Carolina Club-moss. E.
complanatum, L. Christmas Club-moss. W.
innudatum, L. Bog Club-moss. E.
alopecuroides, L. Fox tail Club-moss. E
alopecuroides adpressum, Chapm. Club-moss. E.

Order 153.

SELAGINELLACEAE SELAGINELLA FAMILY.

SELAGINELLA rupestris, Spring. Rock Selaginella. A.
apus, Spring. Creeping Selaginella. A.

Order 154.

SALVINIACEAE. SALVINIA FAMILY.

AZOLLA Caroliniana, Willd. Carolina Azolla. E.

INDEX.

	PAGE.
Abies	341
Abutilon	298
Acalypha	338
Acanthospermum	320
Acer	302
Acerates	330
Achillea	321
Acnida	335
Aconitum	292
Actaea	292
Actinomeris	321
Adiatum	357
Adlumia	294
Adonis	291
Æsculus	302
Aeschynomene	304
Æthusa	312
Agave	344
Agrimonia	306
Agropyrum	356
Agrostemma	297
Agrostis	355
Ailanthus	300
Aira	355
Alchemilla	306
Aletris	344
Alisma	342
Allium	345
Alnus	340
Alopecurus	355
Alsine	297
Alyssum	295
Amarantus	335
Amaryllis	344
Ambrosia	315
Amelanchier	307
Amianthium	346
Ammania	309
Amorpha	303
Ampelopsis	301
Amphicorpaea	505
Amsonia	330
Amygdalis	306
Anagallis	325
Andromeda	324
Andropogon	352
Anemone	291
Angelica	312
Antennaria	319
Anthemis	321
Anthenantia	355
Anthoxanthum	352
Antirrhinum	326
Anychia	297
Aphyllon	326
Apios	305
Apium	311
Aplectrum	344
Apocynum	330
Apogon	314
Aquilegia	292
Arabis	295
Aralia	312
Arctium	322
Arenaria	297
Arethusa	343
Argemone	294
Arisaema	341
Aristida	355
Aristolochia	335
Arnica	322
Arrhenatherum	355
Artemissia	322
Arundinaria	356
Asarum	353
Asclepias	330
Ascyrum	298
Asimina	293
Asparagus	346
Aspidium	358
Asplenium	357
Asprella	356
Aster	316
Astilbe	308
Astralagus	303
Atragene	291
Atriplex	336
Atropa	328
Azalea	323
Azolla	358
Baccharis	319
Baldwinia	321
Baptisia	305
Barbarea	295
Bartonia	330
Batrachium	292
Bellis	318
Berberis	293
Berchmeria	301
Berlandiera	320
Betula	340
Bidens	321
Bigelovia	319

	PAGE.
Bignonia	326
Blephilia	333
Bletia	344
Boehmeria	338
Boltonia	318
Borrago	332
Borrichia	320
Botrychium	357
Boykinia	308
Brachyelytrum	355
Brasena	293
Brassica	295
Breweria	328
Bromus	354
Broussonetia	338
Bryophyllum	309
Bucknera	327
Buckleya	337
Bumelia	325
Bupleurum	311
Burmannia	343
Cabomba	293
Cacalia	322
Cakile	295
Calamagrostis	355
Calamintha	334
Callicarpea	332
Callirrhol	298
Callitriche	337
Calophanes	332
Calopogon	344
Caltha	292
Calycanthus	307
Calycocarpum	293
Camassio	345
Camelina	295
Campanula	323
Camptosorus	357
Capsella	295
Cardamine	294
Cardiospermum	302
Carduus	322
Carex	350
Carphephorus	315
Carpinus	339
Carum	312
Carya	339
Cassandra	324
Cassia	305
Castanea	339
Castilleia	327
Catalpa	326
Caucalis	312
Caulophyllum	293
Ceanothus	301
Cedronella	333
Celastrus	301
Celtis	339
Cenchrus	354
Centaurea	323
Centrosema	305
Centunculus	325
Cephalanthus	313
Cerastium	298
Ceratophyllum	337
Cercis	305
Chaerophyllum	312
Chamaecyparis	341
Chamaelirium	346
Chaptalia	322
Cheilanthes	357
Chelidonium	294
Chelone	326
Chenopodium	335
Chimaphilla	323
Chiogenes	324
Chionanthus	331
Chloris	356
Chrysanthemum	321
Chrysobalanus	306
Chrysogonum	320
Chrysosplenium	308
Chrysopsis	319
Chrysopogon	352
Cichorium	314
Cicuta	311
Cimicifuga	292
Cinna	354
Circaea	310
Cissus	301
Cladium	350
Cladrastis	305
Claytonia	297
Clematis	291
Cleome	295
Clethra	323
Clintonia	345
Clitoria	305
Cnicus	322
Cocculus	293
Collinsonia	334
Comandra	337
Commelyna	347
Comptonia	340
Conioselinum	312
Conopholis	326
Convallaria	345
Convolvulus	328
Corallorhiza	344
Coreopsis	321
Coriandrum	312
Cornus	312
Corydalis	294
Corylus	339
Crantzia	311
Crataegus	307
Crepis	315
Crotalaria	302
Croton	337
Crotonopsis	338
Ctenium	356
Cunila	334
Cuphea	309
Cuscuta	329
Cynodon	356
Cynoglossum	331
Cyperus	348

	PAGE.
Cypripedium	343
Cyrilla	302
Cystopteris	358
Cytissus	302
Dactylis	354
Danthonia	355
Darbya	337
Dasytoma	327
Datura	328
Daucus	312
Decumaria	308
Delphinium	292
Dentaria	295
Deringa	311
Deschampsia	355
Desmodium	304
Diamorpha	309
Dianthera	332
Dianthus	297
Dicentra	294
Dichromena	350
Dichondra	328
Dicksonia	358
Didiplis	309
Diervilla	313
Digitalis	327
Diodia	313
Dionaea	294
Dioscorea	345
Diospyros	325
Diphylleia	293
Diplachne	356
Dipsacus	314
Dirca	337
Discopleura	311
Dodecatheon	325
Draba	295
Drosera	293
Dulichium	349
Eatonia	356
Echinacea	320
Echinodorus	342
Echium	332
Eclipta	320
Eleocharis	349
Elephantopus	315
Eleusine	356
Elodea	343
Elodes	299
Elymus	356
Epigaea	324
Epilobium	310
Epiphegus	326
Equisetum	357
Eragrostis	356
Erechthites	322
Erianthus	352
Erigenia	312
Erigeron	318
Eriocaulon	348
Eriophorum	349
Erodium	300
Eryngium	311
Erythrina	305
Erythronium	345
Euonymus	301
Eupatorium	316
Euphorbia	338
Fagopyrum	336
Fagus	339
Festuca	354
Filago	320
Fimbristylis	349
Foeniculum	314
Fothergilla	309
Fragaria	306
Frasera	330
Fraxinus	331
Fuirena	349
Fumaria	294
Galactia	305
Galax	324
Galeopsis	333
Galium	313
Gallinsoga	321
Gaultheria	324
Gaura	309
Gaylussacia	324
Gelsemium	314
Gentiana	329
Geranium	300
Gerardia	327
Geum	306
Gillenia	306
Glaucium	294
Gleditchia	305
Glyceria	354
Gnaphalium	319
Gonobolus	331
Goodyera	343
Gordonia	299
Gratiola	327
Gymnopogon	356
Gynandropsis	295
Habenaria	343
Halesia	325
Hamamelis	309
Hedeoma	334
Helenium	321
Helianthemum	296
Helianthus	320
Heliopsis	320
Heliotropium	331
Helleborus	292
Hemerocaulis	346
Hemicarpha	349
Hepatica	291
Heracleum	312
Herpestris	327
Hesperis	295
Heteranthera	347
Heuchera	308
Hibiscus	298

PAGE

Hieracum 315
Hierochloe 355
Holcus 354
Hordeum 355
Hosackia 303
Hottonia 325
Houstonia 313
Hudsonia 296
Humulus 338
Hydrangea 308
Hydrastis 292
Hydrochloa 354
Hydrocotyle 311
Hydrolea 331
Hydrophyllum 331
Hymenocallis 344
Hypericum 298
Hypoxis 344
Hyptis 334
Hyssopus 334

Ilex 301
Ilysanthes 327
Impatiens 300
Indigofera 303
Inula 319
Ipomaea 328
Iris 344
Isanthus 332
Isolepis 349
Isopyrum 292
Itea 308
Iva 315
Ixia 344

Jatropa 338
Jeffersonia 293
Juglans 339
Juncus 346
Juniperus 341
Jussiaea 310
Justicia 332

Kalmia 323
Kosteletzkya 298
Krigia 314
Kuhnia 316
Kyllingia 349

Lachnanthes 344
Lachnocaulon 348
Lactuca 314
Lagenaria 310
Lamium 333
Laportea 338
Lappula 331
Lathyrus 304
Lechea 296
Leersia 354
Leiophyllum 323
Lemna 342
Leonurus 333
Lepachys 320
Lepidium 295

PAGE

Leptandra 327
Leptocaulis 311
Leptochloa 356
Lespedeza 304
Leucothoe 324
Liatris 315
Ligusticum 311
Lilium 346
Limnanthemum 330
Limnobium 343
Linaria 326
Lindera 337
Linum 299
Liparis 344
Lipocarpha 349
Lippia 332
Liquidamber 309
Liriodendron 293
Listera 343
Lithospermum 331
Litsea 337
Lobelia 322
Lolium 355
Lonicera 313
Lophanthus 333
Lophiola 344
Lotus 303
Ludwigia 310
Lupinus 302
Luzula 346
Lychnis 297
Lycium 328
Lycopodium 358
Lycopus 334
Lycopsis 332
Lygodium 358
Lysimachia 325
Lythrum 309

Macbridea 334
Magnolia 292
Malva 298
Manisuris 352
Marrubium 333
Marshallia 321
Martynia 326
Mayaca 347
Mediola 345
Medicago 303
Melampyrum 328
Melanthium 346
Melia 299
Melica 356
Melilotus 302
Melissa 334
Melothria 310
Menispermum 293
Mentha 334
Menziesia 323
Mertensia 331
Micranthemum 327
Microstylis 343
Mikania 316
Milium 353

	PAGE.
Mimosa	305
Mimulus	327
Mitchella	313
Mitella	308
Mitreola	314
Modiola	298
Mollugo	297
Monarda	333
Monotropa	323
Monotropsis	323
Morus	338
Muhlenbergia	355
Muscaki	346
Myosotis	331
Myosurus	292
Myrica	340
Myriophyllum	309
Nabalus	315
Naias	342
Napaea	298
Nasturtium	294
Nazia	352
Nelumbium	293
Nemophylla	331
Nepeta	333
Nesaea	309
Nicandra	328
Nicotiana	328
Nymphaea	293
Nyssa	312
Obolaria	330
Ocimum	332
Œnothera	310
Oldenlandia	313
Onoclea	358
Onosmodium	332
Opuntia	311
Orchis	343
Origanum	334
Ornithogalum	346
Osmanthus	331
Osmorhiza	312
Osmunda	358
Ostrya	339
Otophylla	327
Oxalis	299
Oxycoccus	324
Oxydendrum	324
Pachystima	301
Palpalanthus	348
Panax	312
Panicum	353
Papaver	294
Parietaria	338
Parnassia	308
Paronychia	297
Parthenium	320
Paspalum	352
Passiflora	310
Pastinaca	312
Paulownia	327
Pedicularis	328
Pellaea	357
Peltandra	341
Penthorium	309
Penstemon	326
Persea	337
Petalostemon	303
Phacelia	331
Phalaris	355
Phaseolus	305
Phegopteris	358
Philadelphus	308
Phleum	354
Phlox	329
Phorodendron	337
Phragmites	356
Phryma	333
Phyllanthus	337
Physalis	328
Physostegia	333
Phytolacca	335
Picea	341
Pilea	338
Pimpernella	311
Pinguicula	326
Pinus	341
Piriqueta	310
Planera	339
Plantago	335
Platanus	339
Pleea	346
Pluchea	319
Poa	354
Podophyllum	293
Podostemon	337
Podostigma	330
Pogonia	343
Polanisia	295
Polemonium	329
Polygala	302
Polygonatum	345
Polygonella	336
Polygonum	336
Polymnia	320
Polypodium	357
Polypogon	355
Polypremum	314
Pontederia	347
Ponthieva	344
Populus	340
Portulaca	297
Potamogeton	342
Potentilla	306
Prosartes	346
Proserpinaca	309
Prunella	333
Prunus	306
Psilocarya	350
Psoralea	303
Ptelia	300
Pteris	357
Pterocaulon	319
Pycnanthemum	334
Pyrola	323

	PAGE.
Pyrrhopappus	315
Pyrularia	337
Pyrus	307
Pyxidanthera	324
Quercus	339
Ranunculus	291
Raphanus	295
Rhamnus	301
Rhexia	309
Rhododendron	323
Rhus	300
Rhynchosia	305
Rhynchospora	349
Ribes	308
Ricinus	338
Robinia	303
Rosa	307
Rubus	306
Rudbeckia	320
Ruellia	332
Rumex	336
Ruppia	342
Sabal	341
Sabbatia	329
Sagina	297
Sagittaria	342
Salicornia	336
Salix	340
Salsola	336
Salvia	333
Sambucus	312
Samolus	325
Sanguinaria	294
Sanguisorba	306
Sanicula	311
Saponaria	297
Sarracenia	293
Sassafras	337
Satureia	334
Saururus	337
Saxifraga	308
Scandix	312
Schrankia	305
Schwalbea	327
Scirpus	349
Scleranthus	298
Sclevia	350
Sclerolepis	315
Scrophularia	326
Scutellaria	333
Sedum	308
Selaginella	358
Senebiera	295
Senecio	322
Sentera	330
Sericocarpus	316
Sesbania	303
Sesuvium	311
Setaria	354
Seymeria	327
Shortia	324
Sicyos	310
Sida	298
Silene	297
Silphium	320
Sinapis	295
Sisymbrium	295
Sisyrhinchium	344
Sium	311
Smilacena	345
Smilax	345
Solanum	328
Solea	296
Solidago	318
Sonchus	314
Sorghum	352
Sparganium	342
Spartina	356
Specularia	323
Spergula	297
Spigelia	314
Spilanthes	320
Spiraea	306
Spiranthes	343
Sporobolus	355
Stachys	333
Staphylea	302
Statice	325
Steironema	325
Stellaria	298
Stenanthium	346
Stillingia	338
Stipa	352
Stipulicida	297
Streptopus	346
Stuartia	299
Stylosanthes	304
Styrax	325
Suaeda	336
Symphoricarpus	313
Symplocus	325
Symphytum	332
Synandra	333
Syringa	331
Talinum	297
Tanacetum	322
Taraxacum	314
Taxodium	341
Taxus	341
Tecoma	326
Teprosia	303
Tetragonotheca	320
Teucrium	332
Thalictrum	291
Thaspium	311
Thermopsis	305
Thuja	341
Tiarella	308
Tiedmaunia	312
Tilia	298
Tillandsia	344
Tipularia	344
Tissa	298
Tofieldia	346

	PAGE.
Tradescantia	347
Tragia	338
Tragopogon	314
Trautvetteria	291
Trichostema	333
Trifolium	303
Triglochin	343
Trillium	345
Triodia	356
Triosteum	313
Triplacis	356
Tripsacum	352
Trisetum	355
Tsuga	341
Typha	342
Ulmus	339
Uniola	356
Urtica	338
Utricularia	325
Uvularia	346
Vaccinium	324
Valeriana	314
Valerianella	314
Vallisneria	343
Veratrum	346
Verbascum	326
Verbena	332
Verbesina	321
Vernonia	315
Veronica	327
Viburnum	313
Vicia	304
Vigna	305
Vinca	330
Viola	296
Vitis	301
Waldsteinia	306
Wistaria	303
Wolffia	342
Woodsia	358
Woodwardia	357
Xanthium	315
Xerophyllum	346
Xyris	347
Yucca	346
Zanthorhiza	292
Zanthoxylum	300
Zaunichellia	342
Zinnia	320
Zizania	354
Zizia	311
Zornia	304
Zostera	342
Zygademus	346